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data report

PHYSICAL AND CHEMICAL DATA

Cato Expedition

UNIVERSITY OF CALIFORNIA SCRIPPS INSTITUTION OF OCEANOGRAPHY

Leg VI, 7 November - 16 December 1972

\$10 Reference 79-3 15 April 1979



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| 19. KEY WORDS (Continue on reverse side if necessary and | I identify by block number) | |
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| 20. ABSTRACT (Continue on reverse side if necessary and | identify by block number) | |
| The purpose of Leg VI of the | cato expedit | ion was to study |
| the deep circulation of the | | |
| From 7 November to 16 Decemb | | |
| and in situ vertical profile | | |
| (STD lowerings) were made for of Oceanography Research Ver | | |
| of the Rio Grande Rise. San | | |
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UNIVERSITY OF CALIFORNIA

SCRIPPS INSTITUTION OF OCEANOGRAPHY

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PHYSICAL AND CHEMICAL DATA.

Cato Expedition.

Leg VI, 7 November - 16 December 1972,

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W. a. Nierenberg, Director

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reactive silicate by the method of Strickland and Parsons (1968); nitrite by the method of Bendschneider and Robinson (1952) and nitrate by the method of Wood $\underline{\text{et}}$ al. (1967).

The observed data has been evaluated using the method described by Klein (1973). This involves consideration of their variation as functions of density or depth and their relations to each other, and comparison with adjacent observations.

In situ Salinity/Temperature/Depth Recorder (STD) Data

A Bissett-Berman (HYTECH) Model 9006 STD was used for most lowerings. The exceptions are lowerings 1 through 7 and 69 through 79 when a Plessey Environmental Systems Model 9040 CSTD was used. Data was recorded in analog format on the Leeds-Northrup analog recorder and in digital, at an interval of approximately one instantaneous count every 2 meters, on the shipboard IBM 1800 computer. With few exceptions, the data was recorded only during descent.

Precise PDR observations of bottom depths were recorded and a pinger was placed on the wire below the STD. Comparison of these records with the frequencies recorded by the STD on the deep lowerings was used to determine a linear correction to the depth, calculated from the pressure.

After initial smoothing of the STD data, second-order polynomial corrections to the temperature and salinity were determined by comparison with the observed Nansen bottle data. It should be noted that the two STD models, 9006 and 9040, deviated from their respective hydrographic data quite differently. Furthermore, the best fit of an individual lowering can be quite different even when the same instrument is used, primarily due to the difference (4 to 6 hours at approximately 5000 meters) between the time the

STD reaches the greatest depth and the thermometers are reversed.

All STD temperature and salinity data in this report is tabulated to the nearest hundredth from both shallow and deep lowerings.

TABULATED DATA

The time reported is Greenwich Mean Time. For STD data it is the "start down" time of the first lowering, usually the deeper, and for bottle casts it is the time of messenger release, with the first and last release times listed for multiple casts.

Bottom depths, determined acoustically, have been corrected using Matthews' (1939) tables and are reported in meters. Weather and dominant waves are coded using the National Oceanographic Data Center (NODC) method.

Data from the bottle casts appears on the even-numbered pages. The observed data was tabulated on the left of the page with computed values of thermosteric anomaly. Temperature, salinity, and oxygen interpolated at standard levels with computed values of sigma-t, thermosteric anomaly, and geopotential anomaly were included on the right.

Data from the STD lowerings appears on the facing odd-numbered pages.

Temperature and salinity are tabulated at closer standard intervals than in previous reports. However, some depth intervals may not appear on stations where "spiking" caused data to be rejected.

The column headings are to be interpreted as follows:

| Z | Depth | Meters |
|------|---|-------------|
| T | Temperature | °C |
| S | Salinity | °/ |
| 02 | Dissolved oxygen | m1/L |
| P04 | "Reactive" inorganic phosphate-phosphorus | μg at/L |
| Si03 | "Reactive" inorganic silicate-silicon | μg at/L |
| NO2 | 'Reactive' nitrite-nitrogen | μq at/L |
| NO3 | "Reactive" nitrate-nitrogen | μg at/L |
| DT | δ_{T} Thermosteric anomaly | cl/ton |
| SIGT | $\sigma_{t} = (\rho_{s,t,0}^{-1})10^{3} \text{ where } \rho_{s,t,0} \text{ is the}$ | g/L |
| | density the parcel would have if moved isothermally to the sea surface. | |
| DD | Geopotential anomaly, referred to the sea surface. | dyn. meters |

FOOTNOTES

In addition to footnotes, several special notations are used without feetnotes because the meaning is always the same.

- A and B: After depth value indicates successively deeper casts on expedition legs which have multiple cast stations. The upper cast originating at or near "curface has no letter following the depth.
- P: After depth value indicates the Nansen bottles posttripped.
- U: Uncertain value. Values which are not used in interpolation because they seem to be in error without apparent reason. NOTE: "U" following STD station number indicates the up cast data are being reported.
- $\underline{\text{V}}$: Because of time differences, overlapping casts show some differences. Values not used in interpolation.

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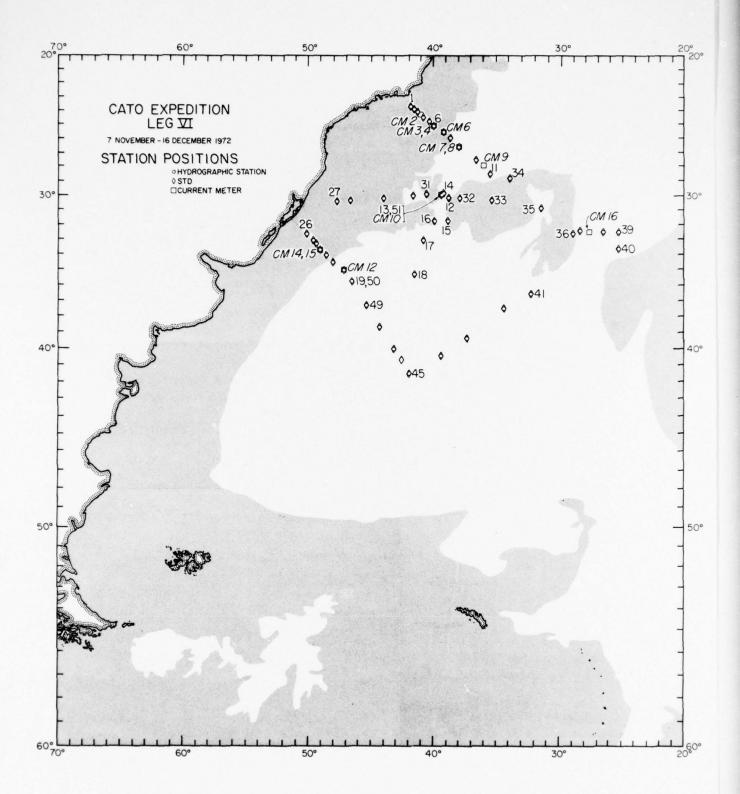


FIGURE 1

PERSONNEL.

Ship's Captain:

Ferris, Noel L.

RV MELVILLE

Personnel Participating in the Collection of Data:

Reid, Joseph L. Prof. Bertholini, Sergio

Burgener, Bruce C. Coatsworth, James L. Costello, James P. Donadio, Antonio E.

Ferreira, Simon M.
Foster, Theodore D. Dr.
McKinney, Darryle
McLellan, Hugh J. Dr.

Miranda, Luiz B. de

Moore, John M.
Muus, David A.
Nowlin, Worth D., Jr.
Owen, Gary P.
Patla, Susan M.
Patzert, William C. Dr.
Powell, William J.
Valentine, Sarilee
Yates, Robert E.

Chief Scientist, Professor, SIO Commander, Navy of Brazil, Brazil Hydrographic and Navigation Office Staff Research Associate, SIO Staff Research Associate, SIO Staff Research Associate, SIO Graduate Student, University of São Paulo, Brazil Electronic Technician, SIO Associate Research Oceanographer, SIO Electronic Technician, SIO Scientist, Office of Sea Grant, NOAA, Washington, D.C. Oceanographer, University of São Paulo, Brazil Programmer, SIO Staff Research Associate, SIO Professor, Texas A&M University Staff Research Associate, SIO Marine Technician, SIO Associate Research Oceanographer, SIO Electronic Technician, SIO Senior Engineering Aide, SIO Marine Technician, SIO

| | | RV | MELVILL | ε | | | | CATO | EXPEDITION | V.I | | | | | |
|-----|--------------------|--------|---------|------|---------------|------|--------------|-------|----------------|-------|--------|-----------|--------|-----------|-------|
| | LATITUD 23 54.2 | | 50.0m | | AY/YR 6/72 | MF58 | ENGER GMT | TIME | BOTTOM B43M | W1N0 | SPEED | WEATHER 1 | | ANT WAVES | |
| 2 | 7 | s | 02 | P04 | \$103 | NOS | NO3 | OT | Z | 1 | 5 | 02 | SIGT | OT | 0.0 |
| 0 | 22.36 | 35,982 | 5.05 | 0.13 | 1.0 | 0.01 | 0.2 | 308.0 | 0 | 22.36 | 35.982 | 5.05 | 24.880 | 308.0 | 0.000 |
| 10 | 22.38 | 35.978 | 5.05 | 0.10 | 1.7 | 0.00 | 0.0 | 308.8 | 10 | 22.58 | 35,978 | 5.05 | 24.872 | 308.8 | 0.031 |
| 21 | 22.37 | 35.977 | 5.11 | 0.16 | 1.5 | 0.01 | 0.1 | 308.6 | 20 | 22.57 | 35.976 | 5.10 | 24.873 | 308.7 | 0.062 |
| 54 | 20.60 | 36,322 | 5.08 | 0.18 | | 0.02 | 0.0 | 237.0 | 30 | 22.07 | 36.081 | 5.10 | 25.039 | 292.9 | 0.092 |
| 86 | 17.85 | 35,957 | 4.73 | 0.43 | | 0.45 | 2.7 | 195.9 | 50 | 20.91 | 36.284 | 5.08 | 25.513 | 247.8 | 0.146 |
| 117 | 15.88 | 35.652 | 4.63 | 0.42 | | 0.10 | 5,6 | 173.7 | 75 | 18.61 | 36.112 | 4.85 | 25.937 | 207.5 | 0.204 |
| 170 | 14.20 | 35,412 | 4.75 | 0.78 | 2.8 | 0.04 | 7.6 | 155.9 | 100 | 16.87 | 35.807 | 4.66 | 26,182 | 184.3 | 0.254 |
| 222 | 13.69 | 35,355 | 4.84 | 0.65 | | 0.03 | 8.8 | 149.9 | 125 | 15.52 | 35,598 | 4.64 | 26.534 | 169.8 | 0.299 |
| 279 | 12.15 | 35,136 | 4.71 | 0.88 | | 0.02 | 12.4 | 136.6 | 150 | 14.64 | 35.473 | 4.68 | 26.433 | 160.4 | 0.341 |
| 356 | 10.53 | 34,903 | 4.68 | 1.20 | | 0.00 | 16.2 | 125.3 | 200 | 13.89 | 35.376 | 4.82 | 26,521 | 152.1 | 0.422 |
| 433 | | 34.690 | 4.45 | 1.49 | 11.6 | | 21.4 | 112.4 | 250 | 12.98 | 35.253 | | 26,611 | 143.6 | 0.499 |
| 510 | 7.00 | 34.511 | 4.70 | 1.73 | 15.1 | | 24.4 | 101.5 | 300 | 11.69 | 35.069 | 4.70 | 26,720 | 153.3 | 0.572 |
| 587 | 5,69 | 34,395 | 4.87 | 1.84 | | 0.00 | 27.1 | 93.9 | 400 | 9.50 | 34.777 | | 26.882 | 117.9 | 0.705 |
| 665 | 5.42 | 34.380 | 4.90 | 1.89 | 20.7 | | 27.6 | 91.9 | | 7.21 | 34.532 | | 27.042 | 102.8 | 0.624 |
| 745 | | 34.363 | 4.91 | 1.92 | 22.4 | | 28.5 | 90.2 | | 5.65 | 34.396 | | 27,141 | 93.3 | 0.929 |
| 782 | | 34.361 | 4.92 | 1.91 | 22.4 | | 28.4 | 89.6 | 20000 | 5.50 | 34,372 | 4.90 | 27,165 | 91.1 | 1,030 |
| 824 | | 34.351 | 4.94 | 1.97 | | 0.00 | 28.6 | 88.5 | 800 | 5.03 | 34.362 | 4.93 | 27.188 | 89.2 | 1.129 |

| | | RV | MELVILL | Ε | | | | CATO | EXPEDITION | v V1 | | | | | |
|-------|---------|----------|---------|------|--------|------|-------|-------|------------|-------|--------|---------|--------|----------|-------|
| | LATITUD | | ITUDE | | DAY/YR | | ENGER | | BOTTOM | WIND | SPEED | WEATHER | | ANT WAVE | s |
| | 24 07.8 | S 41 | 38.0W | 11/ | 8/72 | 0930 | 1200 | GMT | 1776M | 050 | 18KT | 1 | 15 | 0 7 | |
| 2 | 7 | s | 05 | P04 | \$103 | NO2 | NO3 | DT | Z | 1 | s | 02 | 5161 | DT | DD |
| 0 | 24.37 | 37.036 | 4.79 | 0.06 | 0.8 | 0.00 | 0.1 | 288.0 | 0 | 24.57 | 37.036 | 4.79 | 25.090 | 288.0 | 0.000 |
| 10 | 24.40 | 37.033 | 4.73 | 0.04 | 0.8 | 0.00 | 0.0 | 289.1 | 10 | 24.40 | 37.033 | 4.73 | 25.079 | 289.1 | 0.02 |
| 20 | 24.39 | 37.034 | 4.71 | 0.04 | 1.0 | 0.00 | 0.1 | 288.7 | 20 | 24.59 | 37.034 | 4.71 | 25.082 | 288.7 | 0.05 |
| 31 | 24.38 | 37.031 | 4.70 | 0.07 | 1.0 | 0.00 | 0.0 | 288.6 | 30 | 24.58 | 37.030 | 4.70 | 25.083 | 288.6 | 0.08 |
| 63 | 22.24 | 36,814 | 4.83 | 0.08 | 0.7 | 0.00 | 0.0 | 244.7 | 50 | 23.25 | 36.918 | 4.77 | 25,334 | 264.8 | 0.14 |
| 93 | 20.91 | 36,552 | 4.85 | 0.19 | 1.0 | 0.07 | 0.4 | 228.4 | 75 | 21.73 | 36.724 | 4.84 | 25.624 | 237.3 | 0.20 |
| 125 | 18.43 | 36.071 | 4.74 | 0.25 | | 0.02 | 1.7 | 201.4 | 100 | 20.58 | 36.443 | 4.83 | 25,778 | 222.6 | 0.26 |
| 177 | 15.96 | 35,661 | 4.83 | 0.60 | | 0.02 | 4.1 | 174.7 | 125 | 18.43 | 36.071 | 4.74 | 26,001 | 201.4 | 0.31 |
| 230 | 14.02 | 35,371 | 4.72 | 0.66 | | 0.03 | 8.5 | 155.3 | 150 | 17.09 | 35.839 | 4.77 | 26,155 | 186.8 | 0.36 |
| 288 | 13.13 | 35,253 | 4.72 | 0.76 | | 0.02 | 9.9 | 146.5 | 200 | 15.02 | 35.515 | 4.79 | 26.383 | 165.2 | 0.45 |
| 367 | 11.32 | 35.003 | 4.72 | 1.10 | 6.0 | | 14.2 | 131.5 | 250 | 13.66 | 35,323 | 4.72 | 26.526 | 151.6 | 0.54 |
| 445 | 9.36 | 34.761 | 4.57 | 1.33 | 9.8 | | 19.4 | 116.9 | 300 | 12.88 | 35,218 | 4.72 | 26,603 | 144.3 | 0.61 |
| 524 | 7.80 | 34.591 | 4.69 | 1.66 | 12.4 | | 23.0 | 106.4 | 400 | 10.48 | 34.894 | 4.65 | 26,806 | 125.1 | 0.76 |
| 602 | 6.45 | 34.460 | 4.79 | 1.74 | 16.1 | | 25.9 | 98.2 | 500 | 8.24 | 34.638 | 4.64 | 26,973 | 109.2 | 0.88 |
| 6444 | 5.84 | 34.446 U | | | 17.6 | | 26.4 | | 600 | 6.48 | 34.464 | 4.79 | 27.088 | 98.4 | 1.00 |
| 682 | 5.44 | 34.379 | 4.89 | 1.89 | 19.6 | | 27.7 | 92.2 | 700 | 5.26 | 34.369 | 4.89 | 27.167 | 90.9 | 1.10 |
| 762 | 4.74 | 34.345 | 4.90 | 1.96 | 24.1 | | 29.1 | 87.0 | 800 | 4.55 | 34.343 | 4.85 | 27,227 | 85.2 | 1.20 |
| 772A | 4.80 V | | 4.93 | 2.01 | 24.2 | | 28.8 | 0,.0 | 1000 | 3.77 | 34.347 | 4.82 | 27.312 | 77.2 | 1.37 |
| 801 | 4.55 | | 4.84 | 1,95 | 25.2 | | 29.8 | | 1200 | 3.50 | 34.441 | 4.51 | 27.433 | 65.7 | 1.53 |
| 846 | 4.29 | 34.335 | 4.91 | 2.04 | 28.7 | | 30.0 | 83.1 | 1500 | 3.63 | 34.737 | 4.56 | 27.636 | 46.4 | 1.74 |
| 8484 | 4.32 | 34.336 | 4.87 | 1.94 | 28.0 | | 30.4 | 83.3 | 1750 | 3.83 | 34.875 | 5.06 | 27,726 | 37.9 | 1.88 |
| 925A | 3.90 | 34.34 | 4.86 | 2.10 | 32.5 | | 31.2 | 78.8 | | 0,00 | 34.075 | 5.00 | 21,120 | 31.07 | 1.00 |
| 1001A | 3.77 | 34.346 | 4.82 | 2.15 | 34.4 | | 31.4 | 77.1 | | | | | | | |
| 10524 | 3.69 | 34.357 | 4.77 | 2.16 | 37.0 | | 31.6 | 75.6 | | | | | | | |
| 1129A | 3.48 | 34.381 | 4.67 | 2.20 | 41.2 | | 32.3 | 71.8 | | | | | | | |
| 1232A | 3.24 | 34.472 | 4.44 | 2.20 | 48.0 | | 55.1 | 62.8 | | | | | | | |
| 1335A | 3.31 | 34.573 | 4.42 | 2.14 | 48.0 | | 32.0 | 55.9 | | | | | | | |
| 1440A | 3.505 | 34.676 | 4.46 | 1.99 | 42.8 | | 30.1 | 49.8 | | | | | | | |
| 1547A | 3.718 | 34.781 | 4.67 | 1.79 | 34.8 | | 27.0 | 43.9 | | | | | | | |
| 16534 | 3.845 | 34.853 | 4.95 | 1.68 | 29.7 | | 25.1 | 39.7 | | | | | | | |
| 1734A | 3.823 | 34.875 | 5.03 | 1.60 | 28.2 | | 24.5 | 37.8 | | | | | | | |
| 1761A | 3.839 | 34.876 | 5.09 | 1.60 | 27.7 | | 25.2 | 37.9 | | | | | | | |

| | | 1 57 | | | CATO EXP | IN HOLFE | | | 2 51 | D | |
|------|-------|-----------|---------|-------|------------|----------|-------|-----------|---------|-------|------------|
| 1111 | TUDE | LONGITUDE | MO/DAY/ | YP | START TIME | LATI | There | LONGITULE | HU/DAY/ | vo | START TIME |
| 23 5 | | 41 50.00 | 11/08/ | | 0419 GMT | 54 0. | | 41 38.0W | 11/08/ | | 1056 GMT |
| | | | ****** | | | | | 47 30.0M | 11/00/ | 12 | TOOD OW! |
| 2 | 1 | 8 | SIGNA T | DI | DU | Z | T | S | SIGMA T | DT | DD |
| 0 | 22.29 | 35.98 | 24.899 | 306.3 | 0.000 | 0 | 24.03 | 36.96 | 25.134 | 283.8 | 0.000 |
| 10 | 22.28 | 35.98 | 24.902 | 306.0 | 0.031 | 10 | 24.05 | 36.97 | 25.136 | 263.6 | 0.028 |
| 20 | 22,25 | 35.98 | 24.910 | 305.2 | 0.061 | 20 | 24.06 | 56.97 | 25.133 | 283.9 | 0.057 |
| 3.6 | 22.14 | 36.09 | 25.010 | 295.6 | 0.091 | 30 | 24.07 | 36.97 | 25,130 | 254.2 | 0.085 |
| 40 | 21.61 | 36.24 | 25.231 | 274.6 | 0.120 | 40 | 23.83 | 36,90 | 25.148 | 282.4 | 0.114 |
| 5.0 | 21.27 | 36.32 | 25.442 | 254.6 | 0.147 | 50 | 22.78 | 36.79 | 25.372 | 261.1 | 0.141 |
| 60 | 20.49 | 36.28 | 25,624 | 237.3 | 4.171 | 60 | 22.19 | 36.75 | 25.511 | 248.0 | |
| 70 | 19.76 | 36.24 | 25.788 | 221.7 | U.195 | 70 | 21.85 | 36,68 | 25.554 | 243.9 | |
| 8.0 | 18.44 | 35.97 | 25,922 | 209.0 | 0.216 | 60 | 21.31 | 36.62 | 25.659 | 233,9 | |
| 90 | 17.75 | 35,92 | 26.055 | 196.3 | 0.237 | 90 | 20.92 | 36,54 | 25.705 | 229.5 | 0.239 |
| 100 | 17.67 | 35,93 | 26,082 | 193.7 | 0.257 | 100 | 20.72 | 36.48 | 25.714 | 228.7 | 0.263 |
| 125 | 15,62 | 35.47 | 26,213 | 181.3 | 0.305 | 125 | 18.63 | 35.99 | 25.889 | 212.1 | |
| 150 | 14.55 | 35.46 | 26.447 | 159.2 | 0.398 | 150 | 17.29 | 35.81 | 26.083 | 193.7 | |
| 200 | 13.77 | 35,38 | 26,547 | 149.7 | 0.428 | 200 | 14.91 | 35.47 | 26.371 | 166.3 | |
| 250 | 12,72 | 35.23 | 26.645 | 140.3 | 0.504 | 250 | 13,21 | 35.21 | 26.531 | 151,2 | |
| 300 | 11.44 | 35.03 | 26.737 | 131.6 | 0.575 | 300 | 12.82 | 35,19 | 26.594 | 145,1 | |
| 350 | 10.43 | 34.91 | 26,826 | 123.1 | 0.643 | 350 | 11.73 | 35.01 | 26.667 | 138.3 | |
| 400 | 9,25 | 34.80 | 26.941 | 112.3 | 0.705 | 400 | 10.41 | 34.85 | 26.783 | 127.2 | |
| 450 | 8.24 | 34.63 | 26,968 | 109.8 | 0.765 | 450 | 8.87 | 34.68 | 26.909 | 115.4 | |
| 500 | 7.05 | 34.52 | 27.055 | 101.5 | 0.822 | 500 | 7.89 | 34.56 | 26.966 | 110.0 | |
| 550 | 6.45 | 34.47 | 27.097 | 97.5 | 0.876 | 550 | 7.01 | 34.51 | 27.053 | 101.7 | |
| 600 | 5,52 | 34.39 | 27.152 | 92.3 | 0.927 | 600 | 6.27 | 34.42 | 27.082 | 99.0 | |
| 650 | 5,35 | 34.40 | 27,181 | 89.6 | 0.976 | 650 | 5.80 | 34.40 | 27.126 | 94.8 | |
| 700 | 5,28 | 34,39 | 27.181 | 89.5 | 1.025 | 700 | 5.16 | 34.34 | 27.156 | 91.9 | |
| 750 | 5.06 | 34,36 | 27,183 | 89.3 | 1.074 | 750 | 4.89 | 34.34 | 27.187 | 89.0 | |
| P00 | 5,02 | 34.36 | 27,188 | 88.9 | 1.123 | 800 | 4.53 | 34.32 | 27.212 | | |
| 850 | 4.79 | 34.35 | 27.206 | 87.2 | 1.171 | 850 | | 34.33 | | 86.7 | |
| 0.20 | | 31.00 | 21.200 | 01.2 | | 900 | 4.29 | | 27.246 | 83.5 | |
| | | | | | | 950 | 4.02 | 34.33 | 27.274 | 80.8 | |
| | | | | | | | 3.84 | 34.33 | 27.292 | 79.0 | |
| | | | | | | 1000 | 3.76 | 34.35 | 27.316 | 76.7 | |
| | | | | | | 1100 | 3.56 | 34.36 | 27.344 | 74.1 | |
| | | | | | | 1200 | 3.31 | 54.45 | 27.440 | 65.0 | |
| | | | | | | 1300 | 3.27 | 34.54 | 27.515 | 57.9 | |
| | | | | | | 1400 | 3.44 | 34.65 | 27.586 | 51.1 | |
| | | | | | | 1500 | 3.61 | 34.73 | 27.633 | 46.7 | |
| | | | | | | 1600 | 3.79 | 34.82 | 27,686 | 41.6 | |
| | | | | | | 1700 | 3.84 | 34.87 | 27.721 | 38.4 | |
| | | | | | | 1779 | 3.84 | 34.88 | 27.729 | 37.6 | 1.900 |

| | | KV | MELVILLE | | | | | CATO | EXPEDITION | . VI | | | | | |
|-------|-----------------------|----------|----------|------|-------|------|---------------|-------|-----------------|-------------|----------------|--------------|--------|----------|-------|
| | 1 ATTTUDE 24 20.99 | | 18.2W | | 8/72 | | ENGER 2213 | TIME | BCTTOM 2299M | WIND 070 | SPEED 1 AKT | KEATHER 1 | COMIN | ANT WAVE | • |
| Z | 7 | s | U2 | P04 | \$103 | N02 | NO3 | DY | Z | T | s | 0.2 | 5161 | UT | no. |
| 0 | 23.08 | 36.789 | 4.93 | 0.03 | 1.0 | 0.01 | 0.0 | 269.5 | 0 | 23.08 | 36.789 | 4.93 | 25.285 | 269.5 | 0.000 |
| 9 | 23.11 | 36.789 | 4.59 | 0.02 | 0.8 | 0.00 | 0.0 | 270.5 | 10 | 25.11 | 36.787 | 4.58 | 25,276 | 270.2 | 0.027 |
| 20 | 23.09 | 36,792 | 4.45 | 0.02 | | 0.00 | 0.0 | 269.5 | 20 | 23.09 | 36.792 | 4.43 | 25.284 | 269.5 | 0.054 |
| 30 | 23.09 | 36.791 | 4.77 | C.04 | 1.0 | 0.00 | 0.0 | 269.6 | 30 | 23.09 | 36.791 | 4.77 | 25,283 | 269.6 | 0.061 |
| 62 | 22.28 | 36.873 | 4.85 | 0.05 | 1.0 | 0.00 | 0.0 | 241.5 | 50 | 22.66 | 36.848 | 4.82 | 25.454 | 253.4 | 0.134 |
| 93 | 21.47 | 36.685 | 5.16 | 0.08 | 0.8 | 0.07 | 0.1 | 233.4 | 75 | 21.91 | 36.800 | 5.01 | 25,629 | 236.7 | 0.196 |
| 125 | 21.14 | 36,612 | 4.73 | 0.10 | | 0.16 | 0.0 | 250.1 | 100 | 21.42 | 36.670 | 5.09 | 25,669 | 232.9 | 0.255 |
| 177 | 18.57 | 36,101 | | 0.35 | | 0.01 | 2.2 | 202.6 | 125 | 21.14 | 36.612 | 4.73 | 25,699 | 230.1 | 0.314 |
| 229 | 16.15 | 35.702 | 4.82 | 0.48 | | 0.01 | 3.7 | 175.9 | 150 | 20.05 | 36.383 | 4.75 | 25,821 | 218.5 | 0.372 |
| 286 | 14.74 | 35.471 | 4.87 | 0.55 | | 0.00 | 6.0 | 162.7 | 200 | 17.42 | 35.903 | 4.79 | 26,123 | 189.9 | 0.477 |
| 363 | 13.25 | 35,273 | 4.80 | 0.76 | 3.6 | | 9.7 | 147.3 | 250 | 15.54 | 35.601 | 4.84 | 26.532 | 170.0 | 0.570 |
| 433A | 11.41 | 35,011 | 4.490 | | | 0.01 | 14.5 | 132.5 | 300 | 14.47 | 35.434 | 4.87 | 26.440 | 159.8 | 0.657 |
| 441 | 11.34 | 35.007 | 4.63 | | 5.9 | | 14.7 | 131.6 | 400 | 12.17 | 35.111 | 4.72 | 26.662 | 136.8 | 0.816 |
| 519 | 9.51 | 34.777 | | 1.37 | 9.3 | | 18.5 | 118.1 | 500 | 10.09 | 34.851 | 4.58 | 26,841 | 121.7 | 0.957 |
| 561A | 8.20 | 34.804 (| | 1.46 | 10.6 | | 19.9 | | 600 | 7.53 | 34.560 | 4.52 | 27.018 | 105.0 | 1.080 |
| 598 | 7.56 | 34.562 | | 1.63 | | 0.00 | 23.4 | 105.2 | 700 | 5.79 | 34.403 | 4.60 | 27,129 | 94.5 | 1.190 |
| 638A | 6.87 | 34,497 | | 1.58 | 15.0 | | 24.9 | 100.8 | 800 | 4.90 | 34.352 | 4.90 | 27,195 | 88.3 | 1.290 |
| 676 | 6.14 | 34.429 | 4.58 | 1.81 | 16.7 | | 26.2 | 96.7 | 1000 | 3.71 | 34.356 | 4.86 | 27,326 | 75.8 | 1.471 |
| 716A | 5.60 | 34.389 | 4.730 | | 19.1 | | 27.4 | 93.3 | 1200 | 3.41 | 34.467 | 4.49 | 27.464 | 64.7 | 1.629 |
| 758 | 5.26 | 34.366 | 4.72 | 1.94 | 21.4 | | 28.0 | 91.1 | 1500 | 3.58 | 34.728 | 4.58 | 27.634 | 46.6 | 1.828 |
| 792A | 4.96 | 34.353 | 4.85 | 1.91 | 23.A | | 29.1 | 88.8 | 1750 | 3.87 | 34.886 | 5.13 | 27,731 | 37.4 | 1.969 |
| 795 | 4.88 V | 34.346 | 4.91 | 1.98 | 23.5 | | 29.1 | | 2000 | 3.55 | 34.939 | 5.56 | 27,805 | 30.4 | 2.095 |
| 841 | 4.601 | 34.343 | 4.78 | 2.05 | | 0.00 | 29.6 | 85.7 | 2250 | 2.93 | 34.935 | 5.87 | 27,862 | 25.0 | 2.204 |
| 843A | 4.54 | 34.341 | 4.86 | 2.04 | 26.7 | - | 30.3 | 85.2 | | | | 2 6 2 | | | |
| 919A | 4.03 | 34.348 | 4.79 | 2.14 | 33.3 | 0.00 | 31.6 | 79.5 | | | | | | | |
| 10214 | 3.65 | 34.358 | 4.87 | 2.16 | 37.5 | | 32.2 | 75.1 | | | | | | | |
| 1124A | 3.45 | 34.387 | 4.62 | 2.24 | 42.7 | | 32.5 | 71.1 | | | | | | | |
| 13294 | 3.33 | 34.607 | 4.39 | 2.13 | 48.0 | | 31.1 | 53.4 | | | | | | | |
| 1536A | 3.65 | 34.749 | 4.65 | 1,91 | 37.7 | | 28.1 | 45.6 | | | | | | | |
| 1743A | 3.88 | 34.885 | 5.12 | 1.61 | 27.0 | | 24.2 | 37.6 | | | | | | | |
| 1953A | 3.721 | 34,936 | 5.49 | 1.45 | 25.3 | | 21.7 | 32.2 | | | | | | | |
| 2165A | 2.994 | 34.938 | 5.82 | 1.40 | 29.2 | | 20.7 | 25.4 | | | | | | | |
| 22194 | 2.951 | 34.936 | | 1.38 | 30.4 | | 20.7 | 25.0 | | | | | | | |
| 2272A | 2.924 | 34.935 | | 1.38 | | 0.00 | 20.6 | 25.0 | | | | | | | |
| | | | | | | | | | | | | | | | |

| | | RV | MELVILL | Ε | | | | CATO | EXPEDITIO | IV NO | | | | | |
|-------|--------------------|--------|----------------|------|---------------|------|---------------|-------|-----------------|-------------|--------|---------|-------------|-----------|-------|
| | LATITUD 24 41.3 | | TTUDE 49.3W | | AY/YR 9/72 | | ENGER 0711 | TIME | BOTTOM 2768M | WIND 100 | SPEED | WEATHER | DUMIN 10 | ANT WAVES | 5 |
| | | | | | | | | 0 | | | | | • • • | | |
| Z | T | S | 02 | 204 | 5103 | NO2 | NO3 | DT | Z | т | S | 02 | SIGT | DT | DD |
| 0 | 23.10 | 36.729 | 4.91 | 0.00 | 0.8 | 0.00 | 0.0 | 274.3 | 0 | 23.10 | 36.729 | 4.91 | 25,233 | 274.3 | 0.000 |
| 10 | 23.10 | 36,730 | 5.27 | 0.00 | 1.0 | 0.00 | 0.0 | 274.3 | 10 | 23,10 | 36.730 | 5.27 | 25.234 | 274.3 | 0.027 |
| 20 | 23.08 | 36,732 | 4.96 | 0.00 | 0.7 | 0.00 | 0.0 | 273.6 | 20 | 23.08 | 36.732 | 4.96 | 25.242 | 273.6 | 0.055 |
| 30 | 23.05 | 36.753 | 5.10 | 0.01 | 0.8 | 0.00 | 0.0 | 271.2 | 30 | 23.05 | 36.753 | 5.10 | 25,266 | 271.2 | 0.082 |
| 61 | 22.36 | 36.811 | 5.05 | 0.03 | 0.8 | 0.00 | 0.0 | 248.2 | 50 | 22.64 | 36.794 | 5.07 | 25.418 | 256.8 | 0.135 |
| 92 | 21.98 | 36,765 | 5.05 | 0.07 | 0.8 | 0.00 | 0.0 | 241.2 | 75 | 22.21 | 36.805 | 5.05 | 25.549 | 244.4 | 0.199 |
| 123 | 20.94 | 36,555 | 5.10 | 0.14 | | 0.11 | 0.3 | 229.0 | 100 | 21.79 | 36.726 | 5.06 | 25.607 | 238.8 | 0.260 |
| 154 | 18.92 | 36.160 | 4.81 | 0.27 | | 0.03 | 1.4 | | 125 | 20.82 | 36.527 | 5.08 | 25,725 | 227.6 | 0.319 |
| 207 | 16.84 | 35.793 | 4.82 | 0.36 | | 0.01 | 2.9 | 184.7 | 150 | 19.19 | 36.209 | 4.85 | 25,914 | 209.7 | 0.375 |
| 311 | 14.45 | 35.454 | 4.96 | 0,53 | | 0.01 | 6.3 | 158.0 | 200 | 17.05 | 35.827 | 4.82 | 26.155 | 186.8 | 0.477 |
| 417 | 12.52 | 35.187 | 4.83 | 0.82 | 4.2 | | 11.3 | 139.7 | 250 | 15.69 | 35.620 | 4.88 | 26.314 | 171.7 | 0.571 |
| 521 | 10.13 | 34.848 | 4.64 | 1.23 | | 0.00 | 17.8 | 122.8 | 300 | 14.64 | 35.477 | 4.95 | 26.437 | 160.0 | 0.658 |
| 585A | | 34.658 | 4.60 | 1,50 | | 0.01 | 22.2 | 110.6 | 400 | 12.83 | 35.231 | 4.86 | 26.624 | 142.3 | 0.819 |
| 624 | 7.77 | 34.591 | 4.56 | 1.63 | 13.6 | | 24.1 | 106.0 | 500 | 10.65 | 34.916 | 4.67 | 26.793 | 126.3 | 0.964 |
| 662A | | 34.513 | 4.54 | 1.80 | | 0.00 | 26.0 | 99.0 | 600 | 8.18 | 34.632 | 4.58 | 26.977 | 108.8 | 1.093 |
| 726 | 5.68 | 34.414 | 4.63 | 1.91 | | 0.00 | 28.5 | 92.3 | 700 | 6.09 | 34.451 | 4.60 | 27,128 | 94.6 | 1,205 |
| 739A | | 34.415 | 4.61 | 1.92 | 21.5 | 0.00 | 28.5 | , | 800 | 4.65 | 34.344 | 4.81 | 27.217 | 86.1 | 1.304 |
| 816A | | 34.336 | 4.87 | 2.05 | 27.4 | | 30.1 | 84.9 | 1000 | 3.57 | 34.409 | 4.46 | 27.381 | 70.6 | 1.477 |
| 893A | | 34.357 | 4.65 | 1.99 | 33.6 | | 31.5 | 79.4 | 1200 | 3.40 | 34.551 | 4.38 | 27.511 | 58.3 | 1.623 |
| 995A | | 34.406 | 4.46 | 2.10 | 42.6 | | 32.7 | 70.9 | 1500 | 3.85 | 34.806 | 4.73 | 27.669 | 43.3 | 1.810 |
| 10984 | | 34.460 | 4.41 | 2.23 | | 0.00 | 32.7 | 65.0 | 1750 | 3.87 | 34.924 | 5.29 | 27.762 | 34.5 | 1.944 |
| 1253A | | 34.597 | 4.36 | 2.09 | 46.1 | 5,00 | 31.1 | 54.9 | 2000 | 3.62 | 34.956 | 5.69 | 27.812 | 29.7 | 2.066 |
| 1405A | | 34.744 | 4.58 | 1.90 | 37.5 | | 28.0 | 46.8 | 2250 | 3.53 | 34.952 | 5.80 | 27.837 | 27.3 | 2.181 |
| 15581 | | 34.837 | 4.83 | 1.72 | 30.7 | | 25.8 | 41.3 | 2500 | 3.01 | 34.938 | 5.77 | 21.857 | 25.5 | 2.291 |
| 1711A | | 34.914 | 5.20 | 1.55 | 24.8 | | 23.0 | 35.6 | 2750 | 2.74 | 34.925 | 5.82 | 27.871 | 24.2 | 2.397 |
| 19154 | | 34.952 | 5.60 | 1,37 | | 0.01 | 21.0 | 30.9 | 2130 | 2.14 | 34.725 | 3.02 | 21.011 | 24.2 | 2.391 |
| 2120A | | 34.956 | 5.77 | | | 0.01 | | | | | | | | | |
| 23264 | | 34,950 | | 1.32 | 22.8 | | 20.3 | 28.5 | | | | | | | |
| 2534A | | 34,936 | 5.82 | 1.31 | 25.6 | | 20.2 | 26.7 | | | | | | | |
| 2637A | | 34.936 | 5.76 | 1.35 | 29.9 | | 20.6 | 25.3 | | | | | | | |
| | | ** ** | 5.80 | 1.37 | 32.0 | | 20.7 | | | | | | | | |
| 26904 | | 34.925 | 5.81 | 1.35 | 33,2 | | 20.7 | 24.7 | | | | | | | |
| 2742A | 2.75 | 34.925 | 5.82 | 1.36 | 34.1 | 0.00 | 20.9 | 24.3 | | | | | | | |

| | | 3 ST | D | | EATO FXP | FOITION VI | | | 4 51 | o a | |
|------------|-------|-----------|---------|-------|------------|------------|--------------|-----------|---------|-------|------------|
| LATI | TUDE | LONGITUDE | MO/DAY/ | YR | START TIME | LATIT | UDF | LONGITUDE | MO/DAY/ | YR | START TIME |
| 24 21 | | 41 18.2w | 11/00/ | | 1640 GMT | 24 41 | | 40 49.3W | 11/09/ | | 0333 GMT |
| Z | 1 | 5 | SIGMA T | DT | 00 | 2 | 1 | 5 | SIGMA T | OT | 00 |
| 0 | 23.09 | 36.79 | 25.283 | 269.7 | 0.000 | 0 | 23.08 | 36.74 | 25.248 | 273.0 | 0.000 |
| 10 | 23.08 | 36.78 | 25.276 | 270.1 | | 10 | 23.09 | 36.75 | 25.252 | 272.6 | |
| 20 | 23.10 | | 25.280 | 269.9 | | 20 | 23.10 | 36.75 | 25.249 | 272.8 | |
| 30 | 23.10 | | 25.280 | 269.9 | | 30 | 23.10 | 36.77 | 25.265 | 271.4 | |
| 40 | 23.08 | 36.80 | 25.293 | 268.7 | | 40 | 22.94 | 36.83 | 25.356 | 262.6 | |
| 50 | 22.54 | 36.87 | 25.502 | 248.8 | | 50 | 22.42 | 36.80 | 25.483 | 250.6 | |
| 60 | 22.33 | 36.87 | 25.562 | 243.1 | | 60 | 22.34 | 36.81 | 25.514 | 247.7 | |
| 70 | 22.14 | 36.83 | 25.586 | 240.9 | 0.184 | 70 | 22.16 | 36.77 | 25.534 | 245.7 | |
| 80 | 21.94 | 36.76 | 25.604 | 239.1 | 0.208 | 80 | 42.12 | 36.79 | 25.561 | 243.2 | |
| 90 | 21.69 | | 25.652 | 234.6 | | 90 | 22.10 | 36.80 | 25.574 | 241.9 | 0.254 |
| 100 | 21.37 | 36.65 | 25,665 | 233.3 | | 100 | 21.50 | 36.65 | 25.629 | 236.8 | 0.258 |
| 125 | 21.12 | | 25,719 | 228.2 | | 125 | 20.90 | 36.56 | 25.726 | 227.6 | 0.317 |
| 150 | 20.23 | 36.33 | 25.732 | 227.0 | | 150 | 19.00 | 36.12 | 25.894 | 211.6 | |
| 200 | 17.08 | | 26.157 | 186.7 | | 200 | 17.12 | 35.60 | 26.116 | 190.5 | |
| 250 | 15.62 | | 26.328 | 170.4 | | 250 | 15.84 | 35.65 | 26.301 | 172.9 | |
| 300 | 14.57 | | 26.446 | 159.2 | | 300 | 14.75 | 35.50 | 26.430 | 160.8 | |
| 350 | 13.62 | 35.37 | 26.570 | 147.4 | | 350 | 14.25 | 35.46 | 26.507 | 153.4 | |
| 400 | 12.16 | 35.14 | 26.685 | 136.5 | | 400 | 13.13 | 35.30 | 26.617 | 145.0 | |
| 450 | 9.85 | | 26.771 | 128.4 | | 450 | 11.95 | 35.08 | 26.679 | 137.1 | |
| 500 | 8.51 | 34.68 | | 118.1 | | 500 | 10.55 | 34.90 | 26.797 | 125.9 | |
| 550 600 | 7.53 | | | 110.0 | | 550 600 | 9.51 | 34.78 | 26.883 | 117.8 | |
| 650A | 6.77 | | | | | 650 | 8.11 | 34.63 | 26.988 | 107.9 | |
| 700A | 6.05 | | 27.110 | 98.6 | 1.184 | 700 | 7.09 6.19 | 34.52 | 27.050 | 102.0 | |
| 750A | 5.34 | 34.37 | 27.158 | 91.7 | 1,236 | 750A | 5.37 | 34.38 | 27.116 | 95.7 | |
| BDDA | 4.78 | | 27,215 | 86 3 | 1,285 | ADDA | 4.75 | 34.35 | 27.163 | 91.3 | |
| A501 | 4.48 | 34.35 | 27.241 | 86.3 | 1,331 | 850A | 4.25 | 34.34 | 27.258 | 82.3 | |
| 900A | 4.14 | 34.34 | 27.269 | 81 2 | 1,377 | 900A | 4.04 | 54.37 | 27.304 | 78.0 | |
| 950A | 5.85 | 34.35 | 27.307 | 81.2 | 1,421 | 950A | 3.80 | 34.38 | 27.336 | 74.9 | |
| 1200A | 3,31 | 34.42 | 27.416 | 67.3 | 1,623 | 40004 | 3.62 | 34.41 | 27.378 | 70.9 | |
| 1300A | 3.24 | 54.53 | | 58.4 | | 1100A | 3.39 | 34.46 | 27.440 | 65.0 | |
| 14004 | 3.42 | 34.67 | 27.604 | 49.4 | 1.759 | 1200A | 3.41 | 34.57 | 27.526 | 56.9 | |
| 1500A | 3.53 | | | 47.5 | | 1300A | 3.48 | 34.64 | 27.574 | 52.3 | |
| 1600A | 3.74 | 34.79 | 27.668 | 43.4 | 1.878 | 1400A | 3.71 | 34.74 | 27.631 | 46.9 | |
| 1700A | 3.67 | 34.86 | 27.710 | 39.4 | 1.934 | 1500A | 3.86 | 34.80 | 27.663 | 43.8 | |
| 18004 | 3.88 | 34.90 | 27.741 | 36.5 | 1.986 | 1600A | 3.89 | 34.86 | 27.708 | 39.6 | |
| 19004 | 3.83 | 34.92 | 27.762 | 34.5 | 2.040 | 1700A | 3.91 | 34.91 | 27.746 | 36.0 | |
| 20004 | 3.66 | 34.94 | 27.795 | 31.4 | 2.090 | 1800A | 3.81 | 34.94 | 27.780 | 32.8 | |
| 2100A | 3.23 | 34.95 | 27.845 | 26.6 | 2.136 | 1900A | 3.72 | 34.95 | 27.797 | 31.2 | |
| 2200A | 2.96 | 34.94 | 27.863 | 25.0 | 2.178 | 2000A | 3.59 | 34.96 | 27.818 | 29.2 | |
| 2287A | 2.85 | 34.93 | 27.865 | 24.8 | 2.213 | 2100A | 3.47 | 34.96 | 27.830 | 28.1 | |
| | | | | | | 2200A | 3.56 | 34.95 | 27.833 | 27.8 | 2.159 |
| | | | | | | 2300A | 3.26 | 34.94 | 27.834 | 27.6 | |
| | | | | | | 2400A | 3.16 | 34.95 | 27.852 | 26.0 | |
| | | | | | | 2500A | 3.01 | 34.94 | 27.858 | 25.4 | 2,292 |
| | | | | | | 2600A | 2.89 | 34.93 | 27.861 | 25.1 | 2,335 |
| | | | | | | 2700A | 2.79 | 34.92 | 27.862 | 25.0 | 2.378 |
| | | | | | | 2774A | 2.63 | 34.90 | 27.860 | 25.2 | |

| | | RV | MELVILLE | | | | | CATO | EXPEDITION | . VI | | | | | |
|-------|----------|--------|----------|------|--------|------|-------|-------|------------|-------|--------|---------|--------|----------|-------|
| | LATITUDE | E LONG | SITUDE | MO/1 | DAY/YR | MESS | ENGER | TIME | RUTTOM | WIND | SPEED | WEATHER | DOMIN | AUT WAVE | 2 |
| | 25 01.0 | | 23.1w | | 9/72 | | 1545 | GMT | 3087M | 130 | 17KT | 1 | 01 | | |
| | | | | | | | | | | | | | | | |
| 2 | T | S | 02 | P04 | \$103 | NO2 | NO.5 | DT | 2 | T | S | 0.5 | 2101 | UT | DD |
| 0 | 22,92 | 36,717 | 4.420 | | 0.5 | 0.00 | 0.1 | 270.2 | 6 | 22.92 | 36.717 | 4.42 | 25,277 | 270.2 | 0.000 |
| 10 | 22,92 | 36,719 | 5,13 | 0.00 | 0.6 | 0.00 | 0.0 | 270.1 | 10 | 22.92 | 36.719 | 5.13 | 25.278 | 270.1 | 0.027 |
| 21 | 22.91 | 36,720 | 5.11 | 0.00 | | 0.00 | 0.0 | 269.8 | 20 | 22.91 | 36.717 | 5.11 | 25.281 | 269.8 | 0.054 |
| 32 | 22.89 | 36,725 | 4.97 | 0.02 | 0.7 | 0.00 | 0.0 | 268.8 | 30 | 22.89 | 36.722 | 5.00 | 25.290 | 269.0 | 0.081 |
| 63 | 22.25 | 36.858 | 5.17 | 0.02 | 0.6 | 0.00 | 0.0 | 241.8 | 50 | 22.57 | 36.604 | 5.04 | 25.447 | 254.1 | 0.134 |
| 94 | 21.70 | 36.742 | | 0.04 | 0.8 | 0.07 | 0.0 | 235.4 | | 22.02 | 36.824 | 5.15 | 25.616 | 238.0 | 0.196 |
| 125 | 21.30 | 36,650 | 5.08 | 0.06 | | 0.13 | 0.1 | 231.5 | | 21.63 | 36.724 | 5.12 | 25.050 | 234.7 | 0.256 |
| 156 | 20.55 | 36.483 | 5.07 | 0.11 | | 0.06 | 0.6 | 224.1 | 125 | 21.50 | 36.650 | 5.08 | 25.684 | 231.5 | 0.316 |
| 209 | 17.94 | 35,988 | 5.01 | 0.26 | 1.3 | 0.01 | 1.8 | 195.8 | 150 | 20.73 | 36.520 | 5.07 | 25.743 | 225.9 | 0.574 |
| 311 | 14.74 | 35,463 | 4.95 | 0.51 | | 0.00 | 6.2 | 163.3 | 200 | 18.42 | 36.071 | 5.02 | 26.005 | 201.0 | 0.484 |
| 414 | 12.77 | 35,208 | 4.68 | 0.80 | | 0.00 | 10.8 | 142.9 | 250 | 16.45 | 35.728 | 4.99 | 26.224 | 180.3 | 0.583 |
| | 11.69 | 35.064 | 4.71 | 0.99 | 5.2 | | 13.5 | 133.6 | 300 | 15.00 | 35.501 | 4.96 | 26.377 | 165.8 | 0.674 |
| 516 | 10.55 | 34.913 | 4.190 | | 6.5 | 0.00 | 16.3 | 124.9 | 400 | 13.00 | 35.237 | 4.71 | 26.594 | 145.2 | 0.839 |
| 596A | 8.46 | 34.653 | 4.63 | 1.51 | 10.9 | | 21.5 | 111.3 | 500 | 10.95 | 34.965 | 4.69 | 26,776 | 127.9 | 0.987 |
| 622 | 7.81 | 34.582 | 4.91 | 1.55 | | 0.00 | 22.7 | 107.2 | 600 | 8.56 | 34.643 | 4.67 | 26.959 | 110.6 | 1.118 |
| 730 | 5.49 | 34.362 | 5.29 | 1.84 | 17.2 | 0.00 | 27.1 | 94.0 | | 6.05 | 34,413 | 5.18 | 27.104 | 96.9 | 1.232 |
| 750A | 5.18 | 34.354 | 4.64 | 1.89 | 18.8 | | 27.5 | 92.6 | 800 | 4.57 | 34.325 | 4.71 | 27.211 | 86.8 | 1.552 |
| 827A | 4.33 | 34.333 | 4.75 | 2.04 | 25.0 | | 29.4 | 83.6 | 1000 | 3.54 | 34.404 | 4.60 | 27.580 | 70.6 | 1.506 |
| 905A | 3.98 | 34.334 | 4.82 | 2.02 | 31.3 | | 31.0 | 80.1 | 1200 | 3.50 | 34.526 | 4.40 | 27.501 | 59.3 | 1.653 |
| 1007A | 3.51 | 34.410 | 4.58 | 2.21 | 40.8 | | 32.3 | 69.9 | | 3.81 | 34.815 | 4.65 | 27.681 | 42.2 | 1.838 |
| 1134A | 3.27 | 34.465 | 4.40 | 2.17 | 47.4 | | 32.7 | 63.6 | 1750 | 3.85 | 34.934 | 5.40 | 27.172 | 33.6 | 1.970 |
| 1286A | 3.42 | 34.616 | 4.40 | 2.07 | 45.2 | | 30.6 | 53.5 | 5000 | 3.59 | 34.959 | 5.70 | 27.817 | 29.2 | 2.090 |
| 1539A | 3.87 | 34.846 | 4.73 | 1.70 | 30.0 | | 25.7 | 40.5 | 2250 | 3.25 | 34.949 | 5.86 | 27.842 | 26.8 | 2.203 |
| 1743A | 3.85 | 34.932 | 5.39 | 1.45 | 23.2 | | 22.5 | 33.A | 2500 | 2.97 | 34.938 | 5.80 | 27.860 | 25.2 | 2.311 |
| 18964 | 3.71 | 34.954 | 5.59 | 1.38 | 21.4 | | 20.9 | 30.8 | 2750 | 2.77 | 34.926 | 5.74 | 27.870 | 24.3 | 2.417 |
| 2100A | 3.46 | 34,959 | 5.78 | 1.32 | 22.6 | | 20.1 | 28.0 | 3000 | 2.48 | 34.906 | 5.58 | 27.879 | 23.4 | 2.521 |
| 2306A | 3.18 | 34.946 | 5.87 | 1.33 | 26.6 | | 20.1 | 26.5 | | | | | | | |
| 2512A | 2.96 | 34.938 | | 1.35 | 29.5 | | 20.4 | 25.1 | | | | | | | |
| 2722A | 2.800 | 34.929 | 5.73 | 1.35 | 32.2 | | 20.7 | 24.4 | | | | | | | |
| 2933A | 2.544 | 34.911 | 5.81 | 1.40 | 38.6 | | 21.2 | 23.6 | | | | | | | |
| 2986A | 2.491 | 34.908 | 5.65 | 1.41 | 39.6 | | 21.2 | 23.4 | | | | | | | |
| 3040A | 2.469 | 34.906 | 5.30 | 1.42 | 41.0 | | 21.7 | 23.4 | | | | | | | |

| | | RV | MELVILLE | Ε | | | | CATO | EXPEDITION | v vI | | | | | |
|-------|----------|---------|----------|------|--------|------|-------|-------|------------|-------|--------|---------|--------|-----------|-------|
| | LATITUDE | | GITUDE | | DAY/YR | | ENGER | | BOTTOM | WIND | SPEED | WEATHER | | ANT WAVES | ; |
| | 25 16.55 | 40 | 01.5W | 11/ | 9/72 | 2114 | 2324 | GMT | 3080M | 120 | 21KT | 1 | 120 | 0 4 5 | |
| 2 | 7 | s | 02 | P04 | \$103 | N02 | NO3 | DT | Z | T | S | 02 | SIGT | DT | OD |
| 0 | 22.84 | 36,658 | 4.97 | 0.00 | 0.8 | 0.00 | 0.0 | 272.3 | 0 | 22.84 | 36.65A | 4.97 | 25,255 | 272.3 | 0.000 |
| 10 | 22.85 | 36.665 | 4.98 | 0.00 | 1.0 | 0.01 | 0.0 | 272.1 | 10 | 22.85 | 36.665 | 4.98 | 25.257 | 272.1 | 0.027 |
| 21 | 22.85 | 36,664 | 4.99 | 0.00 | 1.0 | 0.00 | 0.0 | 272.1 | 20 | 22.85 | 36.662 | 4.99 | 25,257 | 272.1 | 0.055 |
| 31 | 22.73 | 36,701 | 4.96 | 0.00 | 0.6 | 0.00 | 0.0 | 266.2 | 30 | 22.75 | 36.695 | 4.96 | 25.311 | 267.0 | 0.082 |
| 63 | 21.25 | 36,643 | 5.16 | 0.04 | 1.0 | 0.00 | 0.0 | 230.7 | 50 | 21.87 | 36.676 | 5.07 | 25.548 | 244.5 | 0.133 |
| 94 | 21,15 | 36,612 | 5,11 | 0.04 | 1.0 | 0.03 | 0.0 | 230.3 | 75 | 21.21 | 36.629 | 5.14 | 25.694 | 230.5 | 0.193 |
| 125 | 21.07 | 36,609 | 5.02 | 0.06 | 1.0 | 0.07 | 0.0 | 228.4 | 100 | 21.13 | 36.609 | 5.10 | 25,700 | 230.0 | 0.251 |
| 157 | 20.06 | 36,377 | 4.87 | 0.16 | 1.3 | 0.06 | 0.6 | 219.3 | 125 | 21.07 | 36.609 | 5.02 | 25,716 | 228.4 | 0.310 |
| 208 | 17.64 | 35,923 | 4.98 | 0.31 | 1.7 | 0.02 | 1.6 | 193.5 | 150 | 20.54 | 36.437 | 4.90 | 25,786 | 221.8 | 0.367 |
| 311 | 14.96 | 35.544 | 4.97 | 0.46 | 2.0 | 0.00 | 5.3 | 161.9 | 200 | 18.03 | 35.988 | 4.95 | 26.039 | 197.8 | 0.475 |
| 414 | 12.99 | 35,253 | 4.90 | 0.78 | 3.8 | | 9.9 | 143.8 | 250 | 16.33 | 35.723 | 4.98 | 26.246 | 178.2 | 0.573 |
| 484A | 11.34 | 35.001 | 4.66 | 1.06 | 6.3 | | 14.5 | 132.0 | 300 | 15.16 | 35.567 | 4.97 | 26.392 | 164.3 | 0.663 |
| 517 | 10.73 | 34.922 | 4.62 | 1.14 | 7.2 | 0.00 | 16.0 | 127.3 | 400 | 13.25 | 35.294 | 4.91 | 26.587 | 145.8 | 0.828 |
| 613A | 8.26 V | 34.655 | 4.76 | 1.50 | 11.0 | | 21.3 | | 500 | 11.04 | 34.962 | 4.63 | 26.757 | 129.7 | 0.977 |
| 622 | 8.29 | 34.638 | 4.78 | 1.50 | 10.6 | | 19,2 | 109.9 | 600 | 8.82 | 34.696 | 4.73 | 26,928 | 113.5 | 1.111 |
| 727 | 6.04 | 34.418 | 4.94 | 1.80 | 16.7 | 0.00 | 25.3 | 96.3 | 700 | 6.56 | 34.466 | 4.90 | 27.079 | 99.3 | 1.228 |
| 768A | 5.43 | 34.367 | 5.05 | 1.86 | 19.3 | | 27.2 | 93.0 | 800 | 4.99 | 34.343 | 5.02 | 27.177 | 89.8 | 1.332 |
| 846A | 4.47 | 34.327 | 5.580 | 2.04 | 26.4 | | 29.6 | 85.5 | 1000 | 3.60 | 34.370 | 4.66 | 27.547 | 73.8 | 1.513 |
| 923A | 3.99 | 34.330 | 4.90 | 2.12 | 32.1 | | 30.5 | 80.5 | 1200 | 3.14 | 34,511 | 4.34 | 27,503 | 59.0 | 1.662 |
| 1026A | | 34.386 | 4.58 | 2.15 | 42.9 | | 32.2 | 71.5 | 1500 | 3.57 | 34.760 | 4.72 | 27.681 | 42.2 | 1.844 |
| 1154A | | 34.478 | 4.34 | 2.13 | 50.0 | | 32.6 | 62.0 | 1750 | 3.52 | 34.896 | 5.31 | 27.775 | 33.3 | 1.972 |
| 1308A | | 34.590 | 4.35 | 2.13 | 53.9 | | 31.6 | 52.4 | 2000 | 3.47 | 34.947 | 5.73 | 27.820 | 29.1 | 2.089 |
| 1563A | | 34.812 | 4.88 | 1.76 | 38.6 | | 29.0 | 39.4 | 2250 | 3.29 | 34.954 | 5.84 | 27.843 | 26.8 | 2.201 |
| 1768A | | 34.903 | 5.35 | 1.50 | 30.3 | | 22.6 | 32.8 | 2500 | 3.10 | 34.943 | 5.83 | 27.852 | 26.0 | 2.312 |
| 1922A | 3.51 | 34.938 | 5,69 | 1.40 | 24.7 | | 21.1 | 30.1 | 2750 | 2.88 | 34.932 | 5.75 | 27.864 | 24.8 | 2.421 |
| 2128A | 3.38 | 34.953 | 5.79 | 1.31 | 24.1 | | 20.0 | 27.8 | 3000 | 2.65 | 34.915 | 5.82 | 27.873 | 23.9 | 2.528 |
| 2333A | | 34.952 | 5.86 | 1.31 | 25.6 | | 20.1 | 26.4 | | | | | | | |
| 2541A | | 34.940 | 5.82 | 1.50 | 28.7 | | 20.5 | 25.9 | | | | | | | |
| 2750A | | 34.932 | 5.75 | 1.34 | 31.8 | | 20.5 | 24.8 | | | | | | | |
| 2958A | | 54,921 | 5.81 | 1.38 | 36.5 | | 21.0 | 23.8 | | | | | | | |
| 3015A | 2.612 | 34.914 | 5.82 | 1.36 | 37.3 | | 20.9 | 24.0 | | | | | | | |
| 30704 | 2.571 | 34 - 91 | 5.81 | 1.38 | 36.5 | | 21.1 | 23.9 | | | | | | | |

| | | 5 51 | n | | CATO E | XPEDITION | ٧I | | | 6 ST | · C | |
|--------|-------|----------|-------------------|-------|------------------------|-----------|----------------|-------|-----------------------|---------|-------|------------------------|
| 1 AT11 | | 40 23.1W | MO/DAY/ 11/09/ | | START TIME 1155 GMT | | LATIT 25 16 | | LONGITUDE 40 01.5% | MO/DAY/ | | START TIME 1957 GMT |
| Z | T | S | SIGMA T | nT | DD | | Z | • | S | SIGMA T | DT | DE |
| 0 | 22.78 | 36.71 | 25.312 | 266.9 | 0.000 | | 0 | 22.88 | 36.65 | 25.237 | 274.0 | 0.000 |
| 10 | 22.78 | 36.71 | 25.312 | 266.9 | 0.027 | | 10 | 22.87 | 36.66 | 25.248 | 273.0 | |
| 20 | 22.78 | 36.71 | 25.312 | 266.9 | 0.053 | | 20 | 22.85 | 36.67 | 25.261 | 271.7 | |
| 30 | 22.78 | | 25.312 | 266.9 | | | 50 | 22.51 | 36.67 | 25.359 | 262.4 | 0.061 |
| 4.0 | 22.78 | 36.75 | 25.342 | 264.0 | 0.107 | | 40 | 21.72 | 36.63 | 25.552 | 244.0 | 0.107 |
| 50 | 22.72 | | 25.488 | 250.1 | | | 30 | 21.29 | 36.57 | 25.626 | 237.0 | 0.131 |
| 6.0 | 22.42 | | 25,536 | 245.5 | | | 60 | 21.26 | 36,61 | 25.659 | 233,9 | |
| 70 | 22.12 | | 25,591 | 240.3 | | | 70 | 21.17 | 36.58 | 25.667 | 233,1 | 0.179 |
| 8.0 | 21.89 | | 25,595 | 239.9 | | | 60 | 21.16 | 36.58 | 25.670 | 232,9 | |
| 90 | 21.83 | | 25,612 | 238.3 | 0.231 | | 90 | 21.16 | 36.58 | 25.670 | 232.9 | |
| 100 | 21.74 | 36.74 | 25.630 | 236.6 | | | 100 | 21.18 | 36.60 | 25,679 | 232.0 | 0.249 |
| 125 | 21.28 | | 25.697 | 230.3 | | | 125 | 21.05 | 36.61 | 25.723 | 227.8 | 0.308 |
| 150 | 20.80 | 36,53 | 25,730 | 227.1 | | | 150 | 20.93 | 36.60 | 25.748 | 225.4 | |
| 500 | 18.03 | | 26.039 | 197.8 | | | 200 | 17.82 | 35.96 | 26.068 | 195.0 | |
| 250 | 16.31 | 35.73 | 26.254 | 177.4 | | | 250 | 16.51 | 35.77 | 26.238 | 178.9 | 0.571 |
| 300 | 14.89 | | 26.376 | 165.9 | | | 300 | 15.06 | 35,57 | 26.415 | 162,1 | 0,661 |
| 350 | 13,91 | 35.35 | 26.494 | 154.7 | | | 350 | 14.40 | 35.46 | 26.475 | 156.5 | |
| 400 | 12,23 | 35,12 | 26.581 | 146.4 | | | 450 | 13.22 | 35.29 | 26.591 | 145.5 | |
| 500 | 11.08 | 34.98 | 26.764 | 129.0 | | | | 12.16 | 35.11 | 26.662 | 138.7 | |
| 550 | 9.81 | 34.81 | 26.856 | 120.4 | | | 500 | 11.14 | 34.97 | | 130.8 | |
| 600 | 8.50 | 34.66 | 26.951 | 111.3 | | | 600 | 9.99 | 34.83 | 26.840 | 121.8 | |
| 650 | 7.29 | | 27.014 | 105.4 | | | 650 | 7.40 | 34.51 | 26.998 | 106.9 | |
| 700 | 6,15 | | 27.089 | 98.3 | | | 700 | 6.33 | 34.45 | 27.097 | 97.5 | |
| 750A | 5.20 | | 27,128 | 94.6 | | | 750A | 5.68 | 34.39 | 27.133 | 94.1 | 1.280 |
| HOOA | 4.55 | | 27.194 | 88.4 | | | 800A | 4.93 | 34.33 | 27.175 | 90.2 | |
| 8504 | 4.20 | | 27.255 | 82.5 | | | 850A | 4.45 | 34.34 | 27.236 | 84.3 | |
| 900A | 3.98 | | 27.278 | 80.4 | | | 900A | 4.13 | 34.33 | 27.262 | 61.6 | |
| 950A | 3.76 | | 27.322 | 76.2 | | | 950A | 3.89 | 34.34 | 27.295 | 78.7 | |
| 1000A | 3.54 | 34.38 | 27.362 | 72.4 | | | ADDOL | 3.65 | 34.36 | 27.335 | 74.9 | |
| 1100A | 3.31 | | 27.440 | 65.0 | | | 1100A | 3.30 | 34.44 | 27.433 | 65.7 | |
| 12004 | 3,26 | | 27.516 | 57.8 | | | 1200A | 3.13 | 34.50 | 27.497 | 59.7 | |
| 1300A | 3.43 | 34.64 | 27.579 | 51.8 | 1,722 | | 1300A | 3.06 | 34.59 | 27.575 | 52.3 | |
| 1400A | 3.63 | 34.73 | 27.631 | 46.9 | 1.783 | | 1400A | 3.08 | 34.66 | 27.629 | 47.1 | 1.784 |
| 1500A | 3.84 | 34.82 | 27.681 | 42.1 | 1.840 | 1 | 1500A | 3.41 | 34.78 | 27.693 | 41.1 | |
| 1600A | 3.90 | 34,89 | 27.731 | 37.4 | | | 1600A | 3.48 | 34.82 | 27.718 | 38.7 | |
| 1700A | 3.89 | | 27.756 | 35,1 | | | 1700A | 3.47 | 34.85 | 27.742 | 36.3 | 1.943 |
| 1800A | 3.83 | | 27.778 | 33.0 | | | BCOA | 3.50 | 34.90 | 27.779 | 32.9 | |
| 1900A | 3.72 | | 27.805 | 30.4 | | | 1900A | 3.53 | 34.93 | 27.800 | 30,9 | 2,039 |
| 20004 | 3,59 | | 27.818 | 29.2 | | | AOOOS | 3.51 | 34.95 | 27.818 | 29.2 | 2.085 |
| 2100A | 3.46 | | 27.823 | 28.7 | | | 2100A | 3.41 | 34.95 | 27.826 | 28.3 | 2,131 |
| 2200A | 3.34 | | 27.835 | 27.6 | | | 2200A | 3.32 | 34.95 | 27.837 | 27.4 | |
| 23004 | 3.20 | | 27.848 | 26.3 | | | 400E | 3.25 | 34.95 | 27.843 | 26,8 | |
| 2400A | 3.12 | 34.94 | 27.848 | 26,4 | | | 2400A | 3.16 | 34.94 | 27.844 | 26.7 | |
| 2500A | 3.00 | 34.94 | 27.859 | 25.3 | | | 2500A | 3.12 | 34.94 | 27.848 | 26.4 | |
| 2600A | 2.90 | 34.93 | 27.860 | 25.2 | | | 600A | 3.03 | 34.94 | 27.856 | 25.6 | |
| 2700A | 2.81 | 34.93 | 27.868 | 24.4 | | | 2700A | 2.93 | 34.93 | 27.857 | 25,5 | |
| 2600A | 2.72 | 34.92 | 27.868 | 24.4 | | | A008 | 2.83 | 34.92 | 27.858 | 25.4 | |
| 2900A | 2.62 | 34.91 | 27.869 | 24.3 | | | 2900A | 2.76 | 34.93 | 27.873 | 24.0 | |
| 3000A | 2.47 | | 27.874 | 23,9 | | | 3000A | 2.62 | 34.91 | 27.869 | 24.3 | |
| 30834 | 2.42 | 34.89 | 27.871 | 24.2 | 2.559 | | 3090A | 2.55 | 34.90 | 27.867 | 24.5 | 2.566 |

| 2 T S V 2 PO SION STORY NOT THE SENSE THE SOLUTION STORY STATE TO STORY | | | RV F | ELVILLE | | | | | CATO | EXPEDITE | ON V1 | | | | | |
|--|-------|----------|--------|---------|------|-------|------|------|-------|----------|-------|--------|------|--------|-------|-------|
| 2 T S U2 P04 \$103 NO2 NO3 OT Z T S U2 \$16T OT OUT 0 23.05 36.888 4.96 0.00 1.2 0.00 U.1 261.5 0 25.05 36.888 4.96 25.568 261.5 0.002 10 23.06 36.888 5.01 U.00 1.0 0.0 0.1 261.9 10 25.05 36.886 5.01 25.566 261.5 0.026 26 25.09 36.888 5.00 U.00 1.0 0.00 0.1 261.9 10 25.06 36.886 5.01 25.566 261.5 0.026 27 22.43 36.797 5.06 0.02 1.2 0.0 251.1 30 22.99 36.665 5.05 25.560 262.3 0.079 28 22.43 36.797 5.06 0.02 1.2 0.0 251.1 30 22.99 36.665 5.05 25.560 262.3 0.079 29 22.15 36.664 4.98 0.06 1.0 0.01 0.1 251.8 75 22.17 36.888 5.00 25.517 247.5 0.130 115 21.55 36.664 4.98 0.06 1.0 0.01 0.1 251.8 75 22.17 36.888 5.00 25.517 247.5 0.130 116 21.35 36.549 4.99 0.10 1.2 0.12 0.3 22.6 5. 100 21.6 9 36.752 4.98 25.690 25.517 247.5 0.130 117 21.35 36.121 4.77 0.29 1.5 0.02 1.2 205.0 125 21.26 36.641 4.98 25.690 25.17 0.011 1234 16.34 35.721 4.93 0.38 1.6 3.2 178.7 150 20.59 36.494 4.99 25.600 251.0 0.511 234 16.34 35.77 4.92 0.56 2.6 7.1 155.5 200 17.60 35.918 4.80 26.09 192.7 0.96 368 9.46 34.777 4.63 1.35 9.2 192 117.3 250 15.96 35.666 4.95 26.267 174.3 0.572 29 3.20 34.35 4.72 2.14 37.0 32.2 77.4 300 11.47 35.529 4.80 26.070 192.7 174.5 0.572 102 3.32 34.34 4.66 2.24 46.6 35.4 66.1 40 3.5 9.9 4.85 26.070 11.46 35.20 11.47 35.20 3.03 34.35 4.72 2.14 37.0 32.2 76.7 500 11.47 38.79 4.65 26.770 12.6 50.7 11.26 35.2 34.34 2.15 57.9 0.00 25.0 0.00 29.6 87.0 11.47 38.979 4.65 26.770 12.6 5.077 102 3.32 34.34 4.46 2.24 46.6 35.4 66.1 49.2 800 5.99 34.50 26.770 12.6 5.074 102 3.32 34.34 4.46 2.24 46.6 35.4 66.1 49.2 800 5.99 34.50 26.770 12.6 5.075 1386 2.95 34.618 4.43 2.15 57.9 0.00 25.6 7.0 0.00 29.6 87.0 11.47 38.979 4.65 26.770 12.6 5.707 4.6 1.25 1.06 1.06 1.0 11.47 38.979 4.65 26.770 12.6 5.070 11.47 38.979 4.65 26.770 12.6 5.070 11.47 38.979 4.6 22.7 4.10 2.10 1.20 1.20 1.20 1.20 1.20 1.20 1 | | | | | | | | | | | | | | | | |
| 0 23.05 36.888 4.96 0.00 1.2 0.00 0.1 261.5 0 23.05 36.888 4.96 25.368 261.5 0.00 10 23.06 36.886 5.01 0.00 1.0 0.00 0.1 261.9 10 23.06 36.886 5.01 0.00 1.0 0.00 0.0 262.6 20 23.08 36.885 5.03 25.56 262.3 0.052 42 22.43 36.797 5.06 0.02 1.2 0.00 251.1 30 22.94 36.865 5.05 25.36 262.3 0.052 42 22.15 36.859 4.99 0.05 1.0 0.00 0.1 239.0 50 22.97 36.825 5.00 25.36 260.1 0.079 1.0 1.0 1.0 0.00 0.1 239.0 50 22.97 36.825 5.00 25.36 260.1 0.079 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 | | 25 47.35 | 39 2 | 23.76 | 11/1 | 0/72 | 1517 | 2030 | GMT | 3911M | 110 | 22KT | 1 | 15 | 0 10 | |
| 10 23.06 36.886 5.01 U.00 1.0 0.0 0.1 261.9 10 23.06 36.886 5.01 25.560 262.5 0.052 25.20 36.888 5.00 U.00 1.0 0.00 U.0 262.6 23.08 36.885 5.03 25.365 260.1 0.079 78 22.13 36.897 1.06 0.02 1.2 0.00 251.1 30 22.94 36.865 5.00 25.365 260.1 0.079 78 22.13 36.897 4.99 0.05 1.0 0.00 U.1 239.0 50 22.37 36.823 5.00 25.387 247.5 0.130 115 21.35 36.664 4.98 0.06 1.0 0.11 0.1 231.8 75 22.17 36.858 5.00 25.399 239.6 0.119 1146 20.83 36.899 4.99 0.10 1.2 0.12 0.13 226.5 100 21.69 36.752 4.98 25.054 234.4 0.251 177 13.7 36.12 4.77 0.29 1.5 0.02 1.6 20.5 1.5 21.25 36.641 4.98 25.659 251.0 0.311 234 16.34 35.721 4.93 0.38 1.8 3.2 178.7 150 20.59 36.955 4.99 25.762 224.1 0.369 353 14.27 35.437 4.92 0.56 2.8 7.1 155.5 20.0 17.60 35.918 4.80 26.09 192.7 0.476 568 9.46 34.777 4.65 1.35 9.2 19.2 117.3 250 17.60 35.918 4.80 26.09 179.0 0.772 0.772 0.00 34.93 4.93 27.77 4.65 1.35 9.2 19.2 117.3 250 17.90 35.918 4.80 26.09 179.7 0.476 568 9.46 34.377 4.61 34.327 5.05 2.00 25.0 0.00 25.0 0.00 29.6 87.0 400 15.27 35.531 4.92 26.95 114.5 10.66 3.32 34.33 4.99 2.20 54.4 8.6 35.4 66.3 600 8.71 34.89 5.92 4.85 26.580 144.5 5.0 374 110.2 3.32 34.33 4.99 2.20 54.4 8.6 35.4 66.3 600 8.71 34.66 4.69 26.93 112.5 11.06 12.32 34.33 4.99 2.20 54.4 35.2 54.9 12.2 | Z | 7 | s | u2 | P04 | 5103 | NO2 | NO3 | DT | 2 | 1 | s | 02 | 5161 | 0.1 | 00 |
| 26 23.09 36.888 5.04 U.00 1.0 0.00 U.0 262.6 20 23.08 36.885 5.03 25.360 262.3 0.052 42.22.43 36.8577 5.66 U.02 1.2 0.0 25.11 30.000 U.1 239.0 50 22.37 36.865 5.05 25.363 260.1 0.079 78 22.15 36.869 4.98 0.06 1.0 0.11 0.1 231.8 75 22.17 36.858 5.00 25.517 247.5 0.130 115 21.35 36.664 4.98 0.06 1.0 0.11 0.1 231.8 75 22.17 36.858 5.00 25.597 239.6 0.191 140 20.83 36.349 4.94 0.10 1.2 0.12 0.3 22.65 100 21.69 36.752 4.98 25.654 234.4 0.251 177 13.73 36.151 4.77 0.29 1.5 0.02 1.6 20.50 1.5 0.152 1.2 0.3 36.864 4.98 0.25 0.00 20.399 36.801 1.8 3.2 178.7 13.73 36.121 4.77 0.29 1.5 0.02 1.6 20.50 1.5 0.152 1.2 0.5 36.491 4.98 25.690 231.0 0.311 234 18.34 35.721 4.93 0.38 1.8 3.2 178.7 155.5 200 17.60 35.918 4.80 26.092 192.7 0.476 568 9.6 9.6 34.777 4.63 1.35 9.2 19.2 117.3 25.5 15.96 55.666 4.95 26.28 174 16.8 26.2 97.4 300 14.97 55.551 4.92 26.405 165.1 0.660 34.74 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1. | 0 | 23.05 | 36.888 | 4.96 | 0.00 | 1.2 | 0.00 | 0.1 | 261.5 | 0 | 23.05 | 36.888 | 4.96 | 25,368 | 261.5 | U.000 |
| 42 2.2.43 36.797 5.06 0.02 1.2 0.0 25.11 30 22.94 36.665 5.05 25.585 26.01 0.079 78 22.15 36.869 4.99 0.05 1.0 0.01 239.0 50 22.57 36.858 5.00 25.599 25.96 0.130 115 21.35 36.664 4.98 0.06 1.0 0.11 0.13 22.17 36.858 5.00 25.599 259.6 0.191 177 18.73 36.121 4.77 0.29 1.5 0.02 1.6 25.5 100 21.69 36.752 4.98 25.691 251.0 0.311 234 16.34 35.721 4.93 0.38 1.6 3.2 176.7 150 20.99 36.495 4.92 25.762 224.1 0.369 353 14.27 35.43 4.92 0.56 2.6 7.1 150 20.00 36.495 4.92 25 | 10 | 23.06 | | 5.01 | | 1.0 | | 0.1 | 261.9 | | | | | | | |
| 78 22.15 36.859 4.99 0.05 1.0 0.00 0.1 239.0 50 22.37 36.823 5.00 25.517 247.5 0.130 115 21.35 36.664 4.98 0.06 1.0 0.11 0.1 231.8 75 22.17 36.858 5.00 25.599 259.6 0.191 146 20.83 36.549 4.94 0.10 1.2 0.12 0.3 226.5 100 21.69 36.752 4.98 25.694 234.4 0.251 177 18.73 36.121 4.77 0.29 1.5 0.02 1.6 205.0 125 21.28 36.641 4.98 25.690 231.0 0.311 234 16.34 35.721 4.93 0.38 1.8 3.2 178.7 150 20.59 36.495 4.92 25.762 224.1 0.369 353 14.27 35.437 4.92 0.56 2.8 7.1 155.5 200 17.60 35.918 4.80 26.287 174.3 0.572 720 6.20 34.450 4.95 1.74 16.8 26.2 97.4 300 14.97 35.551 4.92 26.400 165.1 0.660 847 4.61 34.327 5.05 2.00 25.0 0.00 25.0 0.00 29.6 87.0 400 13.27 35.284 4.83 26.580 146.5 0.660 847 4.61 34.3527 5.05 2.00 25.0 0.00 25.0 82.2 76.7 500 11.0 34.979 4.69 26.770 128.5 0.974 1102 3.32 34.434 4.46 2.24 48.6 33.4 66.3 600 6.71 34.666 4.99 26.793 112.5 1.106 1230 5.03 34.534 4.72 2.14 57.0 35.4 66.3 600 6.71 34.666 4.99 26.770 128.5 0.974 1102 3.32 34.434 4.46 2.29 48.6 33.4 66.3 600 6.71 34.666 4.90 26.770 128.5 0.974 1103 35.12 34.763 4.78 1.99 49.1 28.0 35.4 66.3 600 6.71 34.666 4.90 26.770 128.5 0.974 1104 34.979 34.618 4.93 2.15 57.9 0.00 31.6 49.2 800 5.09 34.350 5.01 27.171 90.5 1.327 11836 3.04 34.62 4.50 2.00 54.0 30.2 45.9 100 3.68 34.369 4.66 27.339 74.6 1.520 13762 3.12 34.763 4.78 1.99 49.1 28.0 37.7 1200 3.08 34.487 4.41 27.490 60.2 1.661 13712 3.12 34.763 4.78 1.99 49.1 28.0 37.7 1200 3.08 34.487 4.41 27.490 60.2 1.661 13712 3.13 34.792 V 4.94V 1.83 46.0 0.27.0 1750 3.16 34.365 5.62 27.35 27.760 34.6 1.970 140000 3.14 34.851 5.45 1.30 26.8 20.6 22.2 29.8 2250 3.21 34.944 5.81 27.863 26.8 2.197 21040 3.35 34.935 5.80 1.36 29.2 20.00 24.7 27.9 2500 3.05 34.935 5.62 27.853 25.9 2.306 19514 3.32 34.935 5.80 1.36 29.2 20.00 24.7 27.9 2500 3.05 34.935 5.61 27.860 25.2 2.911 22078 3.80 34.935 5.80 1.36 29.2 20.7 26.4 3000 2.76 34.935 5.62 27.853 26.95 2.91 3.935 5.80 2.77 2.78 22.2 2.90 22.2 2.98 2250 3.21 34.945 5.62 27.853 25.9 2.505 2.911 32518 2.60 34.935 5.80 1.38 37.6 21.2 23.9 32.0 2.9 34.935 5.60 27.85 2 | 26 | 25.09 | | 5.04 | U.00 | 1.0 | 0.00 | U. 0 | 262.6 | | | 36.885 | | | | |
| 115 21,35 36,664 | 42 | 22.43 | | | 0.02 | | | 0.0 | 251.1 | 30 | | | 5.05 | | | 0.079 |
| 146 20.83 36.549 4.94 0.10 1.2 0.12 0.5 226.5 100 21.69 36.752 4.98 25.654 234.4 0.251 177 18.73 36.121 4.77 0.29 1.5 0.02 1.6 205.0 1.25 21.26 36.641 4.98 25.690 251.0 0.351 234 16.34 35.721 4.93 0.38 1.8 3.2 178.7 150 20.59 36.495 4.92 25.762 224.1 0.369 353 14.27 35.437 4.92 0.56 2.8 7.1 155.5 200 17.60 35.918 4.60 26.092 192.7 0.476 36.84 4.98 25.690 251.0 0.361 353 14.27 35.437 4.92 0.56 2.8 7.1 155.5 200 17.60 35.918 4.80 25.60 192.7 0.476 36.84 4.98 25.690 251.0 0.361 353 14.27 35.437 4.92 0.56 2.8 7.1 155.5 200 17.60 35.918 4.80 25.60 192.7 0.476 36.84 4.98 25.65 1.00 25.0 0.00 29.6 87.0 400 13.27 35.284 4.83 26.586 146.5 0.825 975 3.79 34.554 4.72 2.14 37.0 32.2 76.7 500 11.04 34.979 4.69 26.70 128.5 0.974 1102 3.52 34.35 4.94 4.92 2.24 48.6 35.4 66.3 4.00 8.71 34.666 4.9 26.939 112.5 1.106 123 3.03 34.503 4.39 2.20 54.4 32.9 58.6 700 6.58 34.465 4.90 27.075 99.6 1.223 13968 2.95 34.618 4.93 2.15 57.9 0.00 31.6 49.2 800 5.09 34.350 5.01 27.171 90.5 1.327 13646 3.25 34.56 4.50 4.50 2.00 54.0 30.2 45.9 1000 3.68 34.366 4.90 27.075 99.6 1.223 13968 2.95 34.618 4.93 2.15 57.9 0.00 25.0 0.00 29.6 87.0 1000 3.68 34.365 4.66 27.339 74.6 1.551 13728 3.12 34.763 4.78 1.99 49.1 28.0 39.7 1200 3.08 34.467 4.41 27.490 60.2 1.661 13728 3.12 34.763 4.78 1.99 49.1 28.0 39.7 1200 3.08 34.467 4.41 27.490 60.2 1.661 1300 3.14 34.93 | 78 | | | | 0.05 | 1.0 | 0.00 | 0.1 | 239.0 | | | | 5.05 | | | 0.130 |
| 177 18.73 36.121 4.77 0.29 1.5 0.02 1.6 20.0 125 21.26 36.641 4.98 25.690 251.0 0.311 234 16.34 35.721 4.93 0.38 1.8 3.2 178.7 150 20.59 36.495 4.92 25.762 224.1 0.369 353 14.27 35.437 4.92 0.56 2.6 7.1 155.5 200 17.60 35.918 4.60 26.092 192.7 0.476 568 9.46 34.777 4.63 1.35 9.2 19.2 117.3 250 15.96 35.666 4.93 26.287 174.5 0.572 720 6.20 34.450 4.95 1.74 16.6 26.2 97.4 300 14.97 35.531 4.92 26.405 165.1 0.660 847 4.61 34.527 5.05 2.00 25.0 0.00 29.6 87.0 400 15.27 35.289 4.83 26.580 1146.5 0.825 975 3.79 34.554 4.72 2.14 57.0 32.2 76.7 500 11.04 34.979 4.69 26.70 128.5 0.974 1102 3.32 34.434 4.46 2.24 48.6 33.4 66.3 600 8.71 34.686 4.69 26.439 112.5 1.106 1230 3.03 34.503 4.39 2.20 54.4 32.9 58.6 700 6.58 34.465 4.90 27.075 99.6 1.223 13968 2.95 34.618 4.3 2.15 57.9 0.00 31.6 49.2 800 5.09 34.550 5.01 27.171 90.5 1.527 1436 3.04 34.672 4.50 2.00 54.0 30.2 45.9 1000 3.68 34.465 4.90 27.075 99.6 1.223 15728 3.12 34.763 4.78 1.99 49.1 28.0 39.7 1200 3.68 34.867 4.40 27.499 60.2 1.661 1649 3.19 34.792 4.94 1.83 46.0 27.0 170 170 3.16 34.834 5.31 27.60 34.805 5.00 1.76 45.2 0.00 26.8 37.6 1500 3.09 34.726 4.02 27.680 42.5 1.844 1649 3.19 34.792 4.94 1.83 46.0 27.0 170 170 3.16 34.834 5.31 27.60 34.61 1.90 1800 3.14 34.851 5.45 1.30 29.9 22.2 29.8 2200 3.21 34.945 5.61 27.760 34.6 1.970 1800 3.14 34.851 5.45 1.30 29.9 22.2 29.8 2200 3.21 34.945 5.61 27.861 25.2 2.191 29.1 2.086 2274 34.936 5.80 1.39 25.3 29.9 22.2 29.8 2200 3.21 34.945 5.62 27.65 25.0 27.65 25.8 2.97 34.936 5.80 1.39 25.1 20.9 24.9 2500 3.20 34.915 5.60 27.65 22.2 2.91 22.2 29.8 2200 3.21 34.945 5.62 27.65 25.2 2.91 22.2 29.8 2200 3.21 34.945 5.62 27.65 25.2 2.91 22.1 22.3 34.938 5.80 1.38 28.0 20.7 26.3 3250 2.7 25.4 3500 2.7 26.3 3250 2.7 25.4 3500 2.7 26.3 3250 2.7 25.4 3500 2.7 26.3 3250 2.7 25.4 3500 2.7 26.3 3250 2.7 25.4 3500 2.7 26.3 3250 2.7 25.4 3500 2.7 26.3 3250 2.7 25.4 3500 2.7 26.3 3250 2.7 26.3 3250 2.7 26.3 34.935 5.60 27.6 27.7 26.3 3250 2.7 25.4 3500 2.7 26.3 3250 2.7 26.3 3250 2.7 27.65 32.7 27.75 22.2 23.7 32424 2.55 34.936 5.80 | 115 | 21.35 | 36.664 | 4,98 | 0.06 | 1.0 | 0.11 | 0.1 | 231.8 | 75 | | | 5.00 | | 239.6 | 0.191 |
| 234 16.14 55.721 4.93 0.38 1.8 3.2 178.7 150 20.99 36.495 4.92 25.762 224.1 0.369 353 14.27 35.437 4.92 0.56 2.8 7.1 155.5 200 17.60 35.918 4.80 26.092 192.7 0.476 56.8 9.46 34.777 4.65 1.35 9.2 19.2 117.3 250 15.96 35.666 4.93 26.287 174.3 0.572 720 6.20 34.450 4.95 1.74 16.8 26.2 97.4 300 14.97 35.551 4.92 26.405 163.1 0.660 84.74 4.61 35.357 5.05 2.00 25.0 0.00 29.6 87.0 400 15.27 35.289 4.83 26.580 163.1 0.660 8.71 34.686 4.93 26.287 174.5 0.625 975 3.79 34.354 4.72 2.14 37.0 32.2 76.7 500 11.04 34.979 4.69 26.70 128.5 0.974 1102 3.32 34.434 4.46 2.24 48.6 35.4 66.3 600 8.71 34.686 4.69 26.79 112.5 1.106 12.35 3.03 34.50 | 146 | | 36.549 | 4.94 | 0.10 | | | 0.5 | 226.5 | 100 | 21.69 | 36.752 | 4.98 | | 234.4 | 0.251 |
| 234 16,34 55,721 4,93 0,38 1,8 7,2 176,7 150 20,59 36,495 4,92 25,762 224,1 0,369 553 14,27 35,437 4,92 0,56 2,8 7,1 155,5 200 17.60 35,918 4.80 26,092 192.7 0,476 568 9,46 34,777 4,65 1,35 9,2 19,2 117,3 250 15,96 35,666 4,93 26,287 174,3 0,572 720 0,20 34,430 4,95 1,74 16,8 26,2 97,4 300 14,97 35,531 4,92 26,405 163,1 0,660 847 4,61 34,327 5,05 2,00 25,0 0,00 29,6 87,0 400 15,27 35,289 4,83 26,580 146,5 0,682 97,5 3,79 34,354 4,72 2,14 37,0 32,2 76,7 500 11,04 34,979 4,69 26,770 128,5 0,974 1102 3,32 34,434 4,46 2,24 48,6 35,4 66,3 66,3 600 8,71 34,686 4,69 26,770 128,5 0,974 128 3,03 34,533 4,533 4,539 2,20 54,4 32,9 58,6 700 6,58 34,465 4,90 27,075 99,6 1,223 13968 2,95 34,618 4,43 2,15 57,9 0,00 31,6 49,2 800 5,09 34,350 5,01 27,171 90,5 1,527 13968 2,95 34,618 4,43 2,15 57,9 0,00 31,6 49,2 800 5,09 34,350 5,01 27,171 90,5 1,527 1546 3,12 34,763 4,78 1,99 49,1 28,0 39,7 1200 3,68 34,487 4,41 27,490 60,2 1,661 15728 3,12 34,763 4,78 1,99 49,1 28,0 39,7 1200 3,68 34,487 4,41 27,490 60,2 1,661 1646 3,230 34,805 5,00 1,76 43,2 0,00 27,0 1750 3,16 34,834 5,31 27,760 34,6 1,970 18008 5,14 34,851 5,43 1,80 41,2 24,8 33,3 2000 3,3 3,53 34,928 5,62 27,680 42,3 1,844 13,10 3,32 34,945 5,81 1,35 26,8 29,9 22,2 29,8 250 3,20 34,931 5,81 27,861 22,418 5,10 14,2 3,5 251 2,24 3,5 34,8 34,8 34,9 4,8 5,8 1,78 8,9 1,9 1,9 1,9 1,9 1,9 1,9 1,9 1,9 1,9 1 | 177 | 18.75 | 36,121 | 4.77 | 0.29 | 1.5 | 0.02 | 1.6 | 205.0 | 125 | 21.26 | 36.641 | 4.98 | 25.690 | 231.0 | 0.311 |
| 353 1 4 27 35, 437 4, 92 0.56 2.8 7, 1 155, 5 200 17.60 35, 918 4.80 26, 092 192, 7 0, 476 568 9, 46 34, 777 4, 65 1.55 9, 2 19, 2 117.3 250 15.96 35, 666 4.95 26, 287 174, 5 0, 572 720 6, 20 34, 430 4, 95 1.74 16, 8 26, 2 97, 4 300 14, 97 35, 531 4, 92 26, 405 165, 1 0, 660 847 4.61 34, 327 5, 05 2.00 25, 0 0, 00 29, 6 87, 0 400 15, 27 35, 289 4.83 26, 580 146, 5 0, 827 1710 2 3, 32 34, 434 4, 66 2, 24 48, 6 55, 4 66, 3 600 8, 71 34, 686 4, 69 26, 70 128, 5 0, 974 1802 3, 32 34, 434 4, 66 2, 24 48, 6 55, 4 66, 3 600 8, 71 34, 686 4, 69 26, 739 112, 5 1, 106 1230 3, 03 34, 503 4, 44 46 2, 24 48, 6 55, 4 66, 3 600 8, 71 34, 686 4, 69 26, 739 112, 5 1, 106 1230 3, 03 34, 618 4, 43 2, 15 57, 9 0, 00 31, 6 49, 2 800 5, 09 34, 350 5, 01 27, 177 99, 6 1, 232 1396a 2, 95 34, 618 4, 43 2, 15 57, 9 0, 00 31, 6 49, 2 800 5, 09 34, 350 5, 01 27, 171 90, 5 1, 327 1376a 3, 12 34, 78 1, 99 49, 1 28, 0 39, 7 1200 3, 08 34, 487 441 2, 490 60, 2 1, 661 1646 3, 250 34, 805 5, 00 1, 76 43, 2 0, 00 26, 8 37, 6 1500 3, 08 34, 487 441 2, 490 60, 2 1, 661 1649a 3, 19 34, 792 V 4, 94 V 1, 83 46, 0 27, 0 1800a 5, 14 34, 851 5, 43 1.80 41, 2 24, 8 35, 3 2000 3, 13 34, 934 5, 62 27, 680 42, 3 1, 84 1951a 3, 32 34, 918 5, 55 1, 33 29, 9 22, 2 29, 8 2550 3, 21 34, 944 5, 81 27, 843 26, 8 2, 197 1800a 5, 14 34, 851 5, 83 1, 80 41, 2 24, 8 35, 3 2000 3, 33 34, 938 5, 62 27, 819 29, 1 2, 506 2257a 3, 20 34, 915 5, 81 1, 30 26, 8 20, 7 26, 3 3250 2, 9 34, 931 5, 81 27, 861 27, 865 27, 245 2411A 3, 10 34, 938 5, 80 1, 35 2 30, 3 20, 7 25, 4 3500 2, 13 34, 865 5, 67 27, 85 2, 2, 506 2257a 3, 20 34, 915 5, 81 1, 35 34, 7 20, 9 20, 20 26, 4 24, 1 32318 2, 60 34, 915 5, 81 1, 95 79, 2 0, 00 20, 7 25, 4 3500 2, 13 34, 865 5, 67 27, 85 2, 2, 506 2257a 3, 20 34, 915 5, 81 1, 35 34, 7 20, 9 24, 9 4000 0, 66 54, 716 5, 16 27, 860 25, 2 2, 91 32318 2, 60 34, 915 5, 81 1, 95 79, 2 0, 00 20, 7 25, 4 3500 2, 13 34, 865 5, 67 27, 85 22, 2, 91 32318 2, 60 34, 915 5, 81 1, 97, 912 0, 00 20, 7 25, 4 3500 2, 13 34, 865 5, 67 27, 85 22, 2, 91 32318 2, 60 34, 915 | 234 | 16.34 | 35.721 | 4.93 | 0.38 | | | 3.2 | 178.7 | 150 | 20.59 | 36.495 | 4.92 | 25,762 | 224.1 | 0.369 |
| 568 9,46 54,777 4,63 1.55 9,2 19,2 117.3 250 15.96 35,666 4,93 26,287 174.5 0,572 720 a,20 34,450 4,95 1.74 16,6 26,2 97.4 500 14.97 55,551 492 26,405 165,1 0,660 847 4,61 34,327 5,05 2.00 25,0 0.00 29,6 87.0 400 13.27 35,289 4.83 26,580 146.5 0.825 975 3,79 34,354 4,72 2.14 37.0 32,2 76.7 500 11.04 34,979 4.69 26,770 128.5 0,974 1102 3,52 34,454 4,46 2,24 48.6 35.4 66.3 600 6.71 34,686 4.69 26,750 128.5 0,974 1396 2,95 34,618 4,43 2.15 57,9 0.00 31.6 49,2 800 5.09 34,465 4.90 27,075 99.6 1,223 1396 2,95 34,618 4,43 2.15 57,9 0.00 31.6 49,2 800 5.09 34,465 4.90 27,075 99.6 1,223 1372 3,12 34.763 4.78 1.99 49.1 28.0 35,7 1200 3.08 34,467 4.41 27,490 60.2 1.661 1646 3,230 34,005 5.00 1.76 43,2 0.00 26,8 37.6 1500 3.09 34,726 4.62 27,680 42.3 1.684 1649 3,19 34,792 V 4,94V 1.83 46.0 27.0 1750 3.16 34,834 5.31 27,760 34.6 1.970 1850 3,14 34,851 5,43 1.80 41,2 24.8 33.3 2000 3.33 34,928 5.62 27,019 29.1 2.086 1951 3,32 34.918 5,55 1.33 29.9 22.2 29.8 2250 3.21 34,944 5.81 27,843 26.8 2,197 2411 3,10 34,938 5.80 1.36 29.2 20.7 26.4 3000 2.76 34,931 5.81 27,861 27,843 26.8 2,197 2411 3,10 34,938 5.80 1.36 29.2 20.7 26.4 3000 2.76 34,934 5.81 27,868 24.5 2.525 2418 3,10 34,938 5.80 1.35 28.8 20.7 26.3 3250 2.59 34,915 5.62 27,019 29.1 2.086 2257 3,20 34,938 5.80 1.35 29.9 22.2 29.8 2250 3.21 34,934 5.81 27,868 24.5 2.525 2418 3,10 34,938 5.80 1.35 28.8 20.7 26.3 3250 2.59 34,911 5.86 27,013 2.76 2.75 2.75 2.75 2.75 2.75 2.75 2.75 2.75 | 353 | 14.27 | 35.437 | 4.92 | 0.56 | | | 7.1 | 155.5 | 200 | 17.60 | 35.918 | 4.80 | 26.092 | 192.7 | 0.476 |
| 720 6.20 54.450 4.95 1.74 16.8 26.2 97.4 300 14.97 35.531 4.92 26.405 163.1 0.660 847 4.61 34.327 5.05 2.00 25.0 0.00 29.6 87.0 400 15.27 35.289 4.83 26.580 146.5 0.825 975 3.79 34.354 4.72 2.14 37.0 32.2 76.7 500 11.04 34.979 4.69 26.770 126.5 0.974 1102 3.32 34.434 4.66 2.24 48.6 35.4 66.3 600 6.71 34.686 4.69 26.739 112.5 1.106 1230 5.03 34.503 4.39 2.20 54.4 32.9 58.6 700 6.58 34.65 4.90 27.075 99.6 1.232 13964 2.95 34.618 4.43 2.15 57.9 0.00 31.6 49.2 800 5.09 34.355 5.01 27.171 90.5 1.527 1436 3.04 34.672 4.50 2.00 54.0 30.2 45.9 1000 5.68 34.487 4.61 27.490 66.2 1.661 15724 3.12 34.763 4.78 1.99 49.1 28.0 39.7 1200 3.08 34.487 4.41 27.490 66.2 1.661 1646 3.230 34.005 5.00 1.76 43.2 0.00 26.8 37.6 1500 3.08 34.487 4.41 27.490 66.2 1.661 16494 3.19 34.792 V 4.94V 1.83 46.0 27.0 18004 3.14 54.851 5.43 1.80 41.2 24.8 33.3 2000 3.35 34.934 5.62 27.61 34.61 49.91 1914 3.52 34.918 5.55 1.33 29.9 22.2 29.8 2250 3.21 34.944 5.61 27.760 34.6 1.970 18004 3.13 3.938 5.80 1.87 29.9 22.2 29.8 2250 3.03 34.935 5.66 27.453 25.9 2.506 22574 3.20 34.995 5.81 1.30 26.8 20.7 25.4 5000 2.76 34.931 5.81 27.861 25.2 2.416 24114 3.10 34.938 5.80 1.35 30.4 0.00 20.7 25.4 3500 2.76 34.931 5.81 27.861 25.2 2.416 25188 2.97 34.936 5.80 1.35 30.4 0.00 20.7 25.4 3500 2.15 34.935 5.60 27.85 22.91 32518 2.60 34.915 5.87 1.38 34.7 20.9 24.4 32318 2.60 34.915 5.87 1.38 37.6 20.7 25.4 3500 2.15 34.956 5.67 27.75 24.5 2.53 34388 2.97 34.936 5.80 1.35 30.4 0.00 20.7 25.4 3500 2.15 34.865 5.67 27.76 23.5 2.53 34388 2.34 34.889 5.78 1.85 34.7 20.9 24.4 32318 2.60 34.915 5.87 1.38 37.6 20.9 24.4 32318 2.60 34.915 5.87 1.38 37.6 20.9 24.4 32318 2.60 34.915 5.87 1.38 37.6 20.9 24.4 32318 2.60 34.915 5.87 1.38 37.6 20.9 24.4 32318 2.60 34.915 5.87 1.38 37.6 20.9 24.4 32318 2.60 34.915 5.87 1.38 37.6 20.9 24.4 32318 2.60 34.915 5.87 1.38 37.6 20.9 24.4 32318 2.60 34.915 5.87 1.38 37.6 20.9 24.4 32318 2.60 34.915 5.87 1.38 37.6 20.9 24.4 32318 2.60 34.915 5.87 1.38 37.6 20.9 24.4 32318 2.60 34.915 5.87 1.38 37.6 20.9 24.4 32318 2.60 34.915 5.80 1.3 | 568 | 9.46 | 34.777 | | | | | | | 250 | 15.96 | 35.666 | 4.93 | 26.287 | 174.3 | 0.572 |
| 847 4.61 34.327 5.05 2.00 25.0 0.00 29.6 87.0 400 13.27 35.289 4.83 26,580 146.5 0.825 975 3.79 34.354 4.72 2.14 37.0 32.2 76.7 500 11.04 34.979 4.69 26.770 128.5 0.974 1102 3.32 34.444 4.46 2.24 48.6 35.4 66.3 600 0.71 34.686 4.69 26.73 128.5 1.106 1280 3.03 34.503 4.39 2.20 54.4 32.9 58.6 700 6.58 34.465 4.90 27.075 99.6 1.225 13.96 2.95 34.618 4.43 2.15 57.9 0.00 31.6 49.2 800 5.09 34.465 4.90 27.075 99.6 1.225 1396 2.95 34.618 4.78 1.99 49.1 28.0 39.7 1200 3.08 34.466 4.60 27.33 74.6 1.510 1666 3.250 34.805 5.00 1.76 45.2 0.00 26.8 37.6 1500 3.08 34.487 4.1 27.490 60.2 1.610 1649 3.19 34.792 V 4.94V 1.83 46.0 27.0 1750 3.16 34.834 5.31 27.760 34.6 1.970 18000 3.14 34.851 5.43 1.80 41.2 24.8 33.3 2000 3.33 34.928 5.62 27.819 29.1 2.086 1291 3.32 34.918 5.55 1.33 29.9 22.2 29.8 2250 3.21 34.934 5.62 27.843 26.8 21.97 22104 3.35 34.995 5.81 1.30 26.8 20.7 26.3 3250 3.05 34.935 5.66 27.05 2.9 2.05 2257 3.20 34.935 5.81 1.30 26.8 20.7 26.3 3250 2.75 34.934 5.62 27.860 22.52 2.15 24.16 2.91 3.00 34.935 5.80 1.38 28.8 20.7 26.3 3250 2.59 34.911 5.86 27.871 25.9 2.565 2218 2.97 34.935 5.80 1.38 28.8 20.7 26.3 3250 2.59 34.911 5.86 27.871 25.9 2.565 2218 2.97 34.936 5.80 1.35 34.7 20.9 24.9 4000 0.66 34.716 5.16 27.860 25.2 2.911 3238 2.60 34.735 5.24 2.05 109.7 30.4 25.0 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.0 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.0 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.0 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.0 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.0 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.0 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.0 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.0 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.0 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.5 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.5 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.5 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.5 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.5 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.5 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.5 3383 0.87 34.735 5.24 2.05 109.7 30.4 25.5 3383 0.87 34.735 5.24 2.05 | 720 | 6.20 | 34.430 | 4.95 | 1.74 | | | 26.2 | | 300 | 14.97 | 35,531 | 4.92 | 26.405 | 163.1 | 0.660 |
| 975 | 847 | | 34.327 | | | | 0.00 | | 87.0 | 400 | 13.27 | 35.289 | 4.83 | 26.5An | 146.5 | 0.825 |
| 1102 3.32 34.434 4.46 2.24 48.6 35.4 66.3 600 8.71 34.686 4.69 26.759 112.5 1.106 1230 3.05 34.503 4.39 2.20 54.4 32.9 58.6 700 6.58 34.465 4.90 27.175 99.6 1.223 1396a 2.95 34.618 4.43 2.15 57.9 0.00 31.6 49.2 800 5.09 34.350 5.01 27.171 99.5 1.327 1336 3.04 34.672 4.50 2.00 54.0 30.2 45.9 1000 3.68 34.467 4.62 27.490 60.2 1.616 1372a 3.12 34.763 4.78 1.99 49.1 28.0 39.7 1200 3.08 34.487 4.1 27.490 60.2 1.616 1446 3.250 34.805 5.00 1.76 43.2 0.00 26.8 37.6 1500 3.09 34.726 4.62 27.680 42.3 1.894 14940 3.19 34.792 V 4.94V 1.83 46.0 27.0 1750 3.16 34.834 5.31 27.760 34.6 1.970 1800a 3.14 34.851 5.43 1.80 41.2 24.8 35.3 2000 3.33 34.928 5.62 27.819 29.1 2.086 1951a 3.32 34.918 5.55 1.33 29.9 22.2 29.8 2250 3.21 34.944 5.81 27.803 26.8 2.197 2104a 3.35 34.947 5.75 1.29 25.2 0.00 20.7 27.9 2500 3.05 34.938 5.62 27.819 29.1 2.086 2257a 3.20 34.945 5.81 1.30 26.8 20.6 26.7 2750 2.90 34.931 5.81 27.861 25.2 2.416 2411a 3.10 34.938 5.80 1.36 29.2 20.7 26.4 5000 2.76 34.931 5.81 27.861 25.2 2.416 2411a 3.10 34.938 5.80 1.35 30.3 20.7 25.4 5000 2.76 34.924 5.81 27.866 27.875 22.506 2258a 2.97 34.936 5.80 1.35 30.4 0.00 20.7 25.4 3750 1.18 34.766 5.30 27.867 24.5 25.9 2.631 22618a 2.97 34.936 5.80 1.35 30.4 0.00 20.7 25.4 3750 1.18 34.766 5.30 27.867 24.5 25.9 2.631 23282 2.97 34.936 5.80 1.35 30.4 0.00 20.7 25.4 3750 1.18 34.766 5.30 27.867 24.5 25.9 2.91 32318 2.60 34.915 5.87 1.38 57.6 21.2 23.9 334388 2.34 34.889 5.78 1.45 47.3 22.2 23.7 33538 0.87 34.755 5.24 2.05 109.7 30.4 25.0 | 975 | | | | | | | | | 500 | 11.04 | | | | | |
| 1230 | 1102 | | | | | | | | | 600 | 8.71 | | | | | |
| 1396A 2.95 34.618 4.43 2.15 57.9 0.00 51.6 49.2 800 5.09 34.350 5.01 27.171 90.5 1.527 1436 3.04 34.672 4.50 2.00 54.0 30.2 45.9 1000 5.68 34.369 4.66 27.539 74.6 1.510 1572A 3.12 34.765 4.78 1.99 49.1 28.0 39.7 1200 3.08 34.487 4.41 27.490 60.2 1.661 1646 5.250 34.005 5.00 1.76 43.2 0.00 26.8 37.6 1500 3.08 34.487 4.41 27.490 60.2 1.661 1649A 3.19 34.792 4.994 1.83 46.0 27.0 1750 3.16 34.834 5.31 27.760 34.6 1.970 1800A 5.14 54.851 5.43 1.80 44.2 24.8 53.3 2000 3.35 34.928 5.62 27.819 29.1 2.086 1951A 3.32 34.918 5.55 1.53 29.9 22.2 29.8 2250 3.21 34.944 5.81 27.843 26.8 2.197 2104A 3.35 34.945 5.81 1.30 26.8 20.6 26.7 2750 2.90 34.931 5.81 27.861 25.2 2.406 22141A 3.10 34.938 5.80 1.36 29.2 20.7 26.4 5000 2.76 34.924 5.81 27.863 25.9 2.506 22141A 3.10 34.938 5.80 1.36 29.2 20.7 26.4 5000 2.76 34.924 5.81 27.866 24.5 2.52 24.16 25.2 2.97 34.936 5.80 1.35 30.4 0.00 20.7 25.4 3500 2.15 34.945 5.80 27.87 38.9 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.90 34.931 5.81 27.861 25.2 2.416 25.2 2.91 250 2.90 2.76 26.8 2.97 34.936 5.80 1.35 30.4 0.00 20.7 25.4 3500 2.15 34.865 5.67 27.87 23.7 26.5 3228 2.97 34.936 5.80 1.35 30.4 0.00 20.7 25.4 3500 2.15 34.865 5.67 27.87 23.7 24.5 22.91 32318 2.60 34.915 5.81 1.35 34.7 20.9 24.9 3400 0.66 54.716 5.16 27.860 25.2 2.91 33338 2.34 34.889 5.78 1.35 34.7 20.9 24.9 3400 0.66 54.716 5.16 27.860 25.2 2.91 33338 2.34 34.889 5.78 1.35 34.7 20.9 24.9 3400 0.66 54.716 5.16 27.860 25.2 2.91 33538 2.34 34.889 5.78 1.35 34.7 20.9 24.9 33388 2.34 34.889 5.78 1.35 34.7 20.9 24.9 33388 2.34 34.889 5.78 1.35 34.7 20.9 24.9 33388 2.34 34.889 5.78 1.35 34.7 20.9 24.9 34.9 34.766 5.30 27.867 27.87 22.5 22.91 33538 2.34 34.889 5.78 1.35 34.7 20.9 24.9 34.9 34 34.889 5.78 1.35 34.7 20.9 24.9 34.9 34 34.889 5.78 1.35 34.7 20.9 24.9 34.9 34 34.889 5.78 1.35 34.7 20.9 24.9 34.9 34 34.889 5.78 1.35 34.7 20.9 24.9 34.9 34 34.889 5.78 1.35 34.7 20.9 24.9 34.9 34 34.889 5.78 1.35 34.7 20.9 24.9 34.9 34 34.889 5.78 1.35 34.7 20.9 24.9 34.9 34.889 5.78 1.35 34.7 20.9 24.9 34.9 34.889 5.78 1.35 34.889 5.78 1. | | | | | | | | | | 700 | 6.58 | | | | | |
| 1936 3.04 34.672 4.50 2.00 54.0 30.2 45.0 1000 3.08 34.487 4.41 27.490 60.2 1.610 1646 3.23 34.605 5.00 1.76 43.2 0.00 26.8 37.6 1500 3.09 34.726 4.62 27.680 42.3 1.844 1849 3.19 34.792 4.949 1.83 46.0 27.0 1750 3.16 34.834 5.31 27.760 54.6 1.970 3.16 34.834 5.31 27.760 54.6 1.970 3.16 34.834 5.31 27.760 54.6 1.970 3.16 34.834 5.31 27.760 54.6 1.970 3.16 34.834 5.31 27.760 54.6 1.970 3.16 34.834 5.31 27.760 54.6 1.970 3.16 34.834 5.31 27.760 54.6 1.970 3.16 34.834 5.31 27.760 54.6 1.970 3.16 34.834 5.31 27.760 54.6 1.970 3.16 34.834 5.31 27.760 54.6 1.970 3.16 34.834 5.31 27.760 54.6 1.970 3.16 34.834 5.31 27.760 54.6 1.970 3.16 34.834 5.31 27.760 54.6 1.970 3.16 34.834 5.31 27.760 54.6 1.970 3.16 34.834 5.31 27.760 54.6 1.970 3.16 34.834 5.31 27.760 54.6 27.843 54.6 27.843 54.9 54.9 54.9 54.9 54.9 54.9 54.9 54.9 | | | | | | | 0.00 | | | 800 | 5.09 | | | | | |
| 1572A 3.12 34.763 4.78 1.99 49.1 28.0 39.7 1200 3.08 34.867 4.41 27.490 60.2 1.661 1646 3.230 34.805 5.00 1.76 43.2 0.00 26.8 37.6 1500 3.09 34.726 4.62 27.680 42.3 1.844 1649A 3.19 34.792 4.944 1.83 46.0 27.0 1750 3.16 34.834 5.31 27.760 34.6 1.970 1800A 3.14 34.851 5.43 1.80 41.2 24.8 33.3 2000 3.33 34.928 5.62 27.019 29.1 2.086 1951A 3.35 34.918 5.55 1.33 29.9 22.2 29.8 2500 3.21 34.944 5.81 27.843 26.8 2.97 2104A 3.35 34.945 5.81 1.30 26.8 29.9 22.2 29.8 2500 3.05 34.93A 5.66 27.653 25.9 2.506 2257A 3.20 34.945 5.81 1.30 26.8 20.7 26.4 3000 2.76 34.924 5.81 27.861 27.861 25.2 2.416 2411A 3.10 34.939 5.80 1.36 29.2 20.7 26.4 3000 2.76 34.924 5.81 27.868 24.5 2.525 2419B 3.10 34.939 5.88 1.38 28.8 20.7 26.4 3000 2.76 34.924 5.81 27.866 24.5 2.525 2628 2.97 34.935 5.80 1.35 30.4 0.00 20.7 25.4 3500 2.13 34.865 5.67 27.87 24.5 2.83 26288 2.97 34.936 5.50 1.35 30.4 0.00 20.7 25.4 3500 2.13 34.865 5.67 27.87 24.5 2.83 26288 2.97 34.936 5.50 1.35 33.4 7 20.9 24.4 3338 2.60 34.915 5.87 1.35 34.7 20.9 24.4 3338 2.60 34.915 5.87 1.35 34.7 20.9 24.4 3338 2.60 34.915 5.78 1.35 34.7 20.9 24.4 3338 2.80 34.935 5.78 1.35 37.6 21.2 23.9 34338 2.60 34.915 5.78 1.35 34.7 20.9 24.4 3338 2.80 34.915 5.87 1.35 34.7 20.9 24.4 3338 2.80 34.808 5.39 1.75 79.2 0.00 26.4 24.1 33538 0.87 34.805 5.39 1.75 79.2 0.00 26.4 24.1 33538 0.87 34.805 5.39 1.75 79.2 0.00 26.4 24.1 33538 0.87 34.805 5.39 1.75 79.2 0.00 26.4 24.1 33538 0.87 34.805 5.39 1.75 79.2 0.00 26.4 24.1 33538 0.87 34.805 5.39 1.75 79.2 0.00 26.4 24.1 31.5 25.5 | | | | | | | | | | 1000 | 3.68 | | | | | |
| 1646 3.250 34.805 5.00 1.76 45.2 0.00 26.8 37.6 1500 3.10 34.726 4.62 27.680 42.3 1.844 1.970 1800A 3.19 34.772 4.949 1.83 46.0 27.0 1750 3.16 34.834 5.31 27.760 34.6 1.970 1800A 3.14 34.815 5.55 1.33 27.0 24.8 33.3 2000 3.33 34.928 5.62 27.019 29.1 2.086 1751A 3.32 34.918 5.55 1.33 29.9 22.2 29.8 2250 3.21 34.944 5.61 27.843 26.8 2.197 2104A 3.35 34.947 5.75 1.29 25.2 0.00 20.7 27.9 2500 3.05 34.934 5.80 27.853 25.9 2.68 2.197 2411A 3.10 34.934 5.81 27.861 25.2 2.416 2411A 3.10 34.939 5.80 1.36 29.9 2 0.07 2.4 3000 2.76 34.931 5.81 27.861 25.2 2.416 2411A 3.10 34.939 5.88 1.38 28.8 20.7 26.3 3250 2.93 34.915 5.86 27.37 2.788 24.5 2.552 2419B 3.10 34.935 5.83 1.32 30.3 20.7 25.4 3500 2.13 34.865 5.67 27.874 25.9 2.635 2628 2.97 34.936 5.500 1.35 30.4 0.00 20.7 25.4 3500 2.13 34.865 5.67 27.874 25.9 2.635 2628 2.97 34.936 5.500 1.35 30.4 0.00 20.7 25.4 3500 0.66 34.716 5.16 27.860 25.2 2.911 32318 2.60 34.913 5.87 1.85 37.6 21.2 23.9 34.913 5.87 27.864 27.865 25.2 2.913 34.986 5.30 27.867 24.5 2.512 24.5 24.9 4000 0.66 34.716 5.16 27.860 25.2 2.911 32318 2.60 34.913 5.87 1.85 37.6 21.2 23.9 34.913 5.87 27.865 25.2 2.911 33838 0.87 34.989 5.78 1.45 47.3 22.2 23.7 34.936 5.24 2.05 109.7 30.4 25.0 34.91 35.87 34.726 5.16 27.860 25.2 2.911 33838 0.87 34.785 5.24 2.05 109.7 30.4 25.0 30.4 25.0 33838 0.87 34.785 5.24 2.05 109.7 30.4 25.0 30.4 25.0 33838 0.87 34.785 5.24 2.05 109.7 30.4 25.0 30.4 25.0 33838 0.87 34.785 5.24 2.05 109.7 30.4 25.0 30.4 | | | | | | | | | | | 3.08 | | | | | |
| 1649A 3.19 34.792 V 4.94V 1.83 46.0 27.0 1750 3.16 34.834 5.31 27.760 34.6 1.970 1800A 5.14 34.851 5.43 1.80 41.2 24.8 35.3 2000 3.33 34.928 5.62 27.819 29.1 2.086 1951A 3.35 34.918 5.55 1.33 29.9 22.2 29.8 2250 3.21 34.944 5.81 27.843 26.8 2.197 2104A 3.35 34.947 5.75 1.29 25.2 0.00 20.7 27.9 2500 3.05 34.934 5.62 27.853 25.9 2.506 227.85 34.934 5.81 27.86 | | | | | | | 0.00 | | | | 3.09 | | | | | |
| 18000 3 14 34.851 5.43 1.80 412 20.8 53.3 2000 3.33 34.928 5.62 27.819 29.1 2.086 1951 3.32 34.918 5.55 1.33 29.9 22.2 29.8 2250 3.21 34.944 5.81 27.843 26.8 2.197 2104a 3.35 34.945 5.61 1.30 26.8 2.197 2.506 26.7 2750 2.90 34.931 5.81 27.861 25.2 2.506 22574 3.20 34.945 5.81 1.30 26.8 20.6 26.7 2750 2.90 34.931 5.81 27.861 25.2 2.416 24114 3.10 34.938 5.80 1.36 29.2 20.7 26.4 5000 2.76 34.921 5.81 27.866 24.5 2.525 24198 3.10 34.935 5.80 1.35 230.3 20.7 25.4 3500 2.13 34.865 5.67 27.875 23.7 2.738 26238 2.97 34.936 5.80 1.35 30.4 0.00 20.7 25.4 3500 2.13 34.865 5.67 27.875 24.5 2.93 24248 2.85 34.928 5.50 1.35 30.4 0.00 20.7 25.4 3750 1.18 34.766 5.30 27.867 24.5 2.53 2278 2.75 34.928 5.80 1.35 34.7 20.9 24.9 4000 0.66 54.716 5.16 27.860 25.2 2.911 32318 2.60 34.913 5.87 1.38 37.6 21.2 23.9 34.938 2.34 34.889 5.78 1.45 47.3 22.2 23.7 36448 1.58 34.889 5.78 1.45 47.3 22.2 23.7 36448 1.58 34.889 5.78 1.45 47.3 22.2 23.7 36448 1.58 34.889 5.78 1.45 47.3 22.2 23.7 36448 1.58 34.889 5.78 1.45 47.3 22.2 23.7 3648 1.58 34.889 5.78 1.45 47.3 22.2 23.7 36448 1.58 34.889 5.78 1.45 47.3 22.2 23.7 36448 1.58 34.889 5.78 1.45 47.3 22.2 23.7 36489 1.58 34.889 5.78 1.45 47.3 22.2 23.7 36489 1.58 34.780 5.39 1.75 79.2 0.00 26.4 24.1 33538 0.87 34.75 5.24 2.05 109.7 30.4 25.0 34.75 34.72 5.16 2.10 114.2 31.5 55.5 | | | | | | | | | | | | | | | | |
| 1951A 3.32 34.918 5.55 1.33 29.9 22.2 29.8 2250 3.21 34.944 5.81 27.843 26.8 2.197 2104A 3.35 34.947 5.75 1.29 25.2 0.00 20.7 27.9 2500 3.05 34.938 5.66 27.653 25.9 2.506 2257A 3.20 34.945 5.81 1.30 26.8 20.6 26.7 2750 2.90 34.931 5.81 27.861 25.2 2.416 2411A 3.10 34.939 5.80 1.36 29.2 20.7 26.4 5000 2.76 34.924 5.81 27.868 24.5 2.525 2419B 3.10 34.939 5.80 1.38 28.8 20.7 26.3 3250 2.59 34.911 5.86 27.874 25.9 2.635 2618A 2.97 34.936 5.80 1.32 30.5 20.7 25.4 3500 2.13 34.865 5.67 27.875 23.7 2.738 2623B 2.97 34.936 5.80 1.39 35.1 21.0 20.7 25.4 3500 2.13 34.865 5.67 27.875 23.7 2.738 2624B 2.85 34.928 5.80 1.39 35.1 21.0 20.7 25.4 3750 1.18 34.766 5.30 27.867 24.5 2.831 3027B 2.75 34.924 5.81 1.35 34.7 20.9 24.4 3231B 2.60 34.913 5.87 1.38 37.6 21.2 23.9 3838B 2.34 34.808 5.39 1.75 79.2 0.00 26.4 24.1 3853B 0.87 34.755 5.24 2.05 109.7 30.4 25.0 | | | | | | | | | 33.3 | | | | | | | |
| 2104 3.35 34.947 5.75 1.29 25.2 0.00 20.7 27.9 25.00 3.05 34.938 5.66 27.653 25.9 2.506 22578 3.20 34.945 5.81 1.30 26.8 20.6 26.7 2750 2.90 34.931 5.81 27.861 25.2 2.416 24.11 3.10 34.939 5.80 1.36 29.2 20.7 26.4 3000 2.76 34.924 5.81 27.868 24.5 2.525 24.198 3.10 34.939 5.88 1.38 28.8 20.7 26.4 3500 2.76 34.924 5.81 27.868 24.5 2.525 24.198 3.10 34.939 5.83 1.32 30.5 20.7 25.4 3500 2.13 34.865 5.67 27.474 23.9 2.653 26238 2.97 34.936 5.500 1.35 30.4 0.00 20.7 25.4 3500 2.13 34.865 5.67 27.474 23.9 2.653 26238 2.97 34.936 5.500 1.35 30.4 0.00 20.7 25.4 3750 1.18 34.766 5.30 27.867 24.5 2.831 20248 2.85 34.928 5.80 1.39 33.1 21.0 24.9 4000 0.66 34.716 5.16 27.860 25.2 2.911 3238 2.60 34.913 5.87 1.38 37.6 21.2 23.9 34.388 2.34 34.885 5.78 1.35 34.7 20.9 24.4 32318 2.60 34.913 5.87 1.38 37.6 21.2 23.9 34.388 2.34 34.880 5.39 1.75 79.2 0.00 26.4 24.1 383838 0.87 34.785 5.24 2.05 109.7 30.4 25.0 34.38 388 2.34 34.880 5.39 1.75 79.2 0.00 26.4 24.1 383838 0.87 34.725 5.24 2.05 109.7 30.4 25.0 34.38 34.72 0.756 34.720 5.16 2.10 14.2 31.5 25.5 | | | | | | | | | | | | | | | | |
| 22574 3.20 34.945 5.81 1.30 26.8 20.6 26.7 2750 2.90 34.931 5.81 27.861 25.2 2.416 24114 5.10 34.938 5.80 1.36 29.2 20.7 26.4 5000 2.76 34.924 5.81 27.868 24.5 2.525 24198 3.10 34.939 5.88 1.38 28.8 20.7 26.3 3250 2.59 34.911 5.86 27.414 23.9 2.635 26184 2.97 34.936 5.83 1.32 30.5 20.7 25.4 3500 2.13 34.865 5.67 27.475 23.7 2.738 26238 2.97 34.936 5.500 1.35 30.4 0.00 20.7 25.4 3500 2.13 34.865 5.67 27.475 23.7 2.738 26238 2.97 34.936 5.80 1.35 30.4 0.00 20.7 25.4 3500 2.13 34.865 5.67 27.475 23.7 2.738 26238 2.97 34.936 5.80 1.35 33.4 20.00 24.9 4000 0.66 34.716 5.16 27.860 25.2 2.911 32318 2.60 34.913 5.87 1.38 37.6 21.2 23.9 34.388 2.34 34.889 5.78 1.45 47.3 22.2 23.7 36448 1.58 34.88 5.39 1.75 79.2 0.00 26.4 24.1 33538 0.87 34.75 5.24 2.05 109.7 30.4 25.0 39338 0.756 34.720 5.16 2.10 114.2 31.5 55.5 | | | | | | | 0.00 | | | | | | | | | |
| 24114 3.10 34.938 5.80 1.36 29.2 20.7 26.4 3000 2.76 34.924 5.81 27.868 24.5 2.525 24.98 3.10 34.939 5.88 1.38 28.8 28.6 20.7 26.3 3250 2.59 34.911 5.66 27.414 23.9 2.633 2628 2.97 34.936 5.60 1.32 30.3 20.7 25.4 3500 2.13 34.865 5.67 27.475 23.7 2.738 26238 2.97 34.936 5.500 1.33 30.4 0.00 20.7 25.4 3500 2.13 34.865 5.67 27.675 23.7 2.738 26248 2.85 34.928 5.80 1.39 33.1 21.0 24.9 4000 0.66 34.716 5.16 27.860 25.2 2.911 32218 2.60 34.913 5.87 1.38 37.6 21.2 23.9 34.989 5.78 1.45 47.3 22.2 23.7 34.889 5.78 1.45 47.3 22.2 23.7 3648 1.58 34.889 5.78 1.45 47.3 22.2 23.7 36838 0.87 34.755 5.24 2.05 109.7 30.4 25.0 39338 0.756 34.720 5.16 2.10 14.2 31.3 25.5 | | | | | | | | | | | | | | | | |
| 24198 3.10 34.939 5.88 1.38 28.8 20.7 26.3 3250 2.59 34.911 5.86 27.874 25.9 2.635 26188 2.97 34.936 5.83 1.32 30.3 20.7 25.4 3500 2.13 34.865 5.67 27.875 23.7 2.738 26238 2.97 34.936 5.500 1.35 30.4 0.00 20.7 25.4 3750 1.18 34.766 5.30 27.867 24.5 2.631 26248 2.85 34.928 5.80 1.39 35.1 21.0 24.9 4000 0.66 54.716 5.16 27.860 25.2 2.911 32318 2.60 34.913 5.87 1.38 37.6 21.2 23.9 34.988 2.34 34.889 5.78 1.45 47.3 22.2 23.7 36448 1.58 34.88 5.39 1.75 79.2 0.00 26.4 24.1 38388 0.87 34.75 5.24 2.05 109.7 30.4 25.0 39338 0.756 34.720 5.16 2.10 14.2 31.5 25.5 | | | | | | | | | | | | | | | | |
| 2618A 2.97 34.936 5.83 1.32 30.3 20.7 25.4 3500 2.13 34.865 5.67 27.875 23.7 2.738 26238 2.97 34.936 5.500 1.33 30.4 0.00 20.7 25.4 3750 1.18 34.766 5.30 27.867 24.5 2.631 26248 2.85 34.928 5.80 1.39 33.1 21.0 24.9 4000 0.66 34.716 5.16 27.860 25.2 2.911 30278 2.75 34.924 5.81 1.35 34.7 20.9 24.4 32318 2.60 34.913 5.87 1.38 37.6 21.2 23.9 34388 2.34 34.808 5.78 1.45 47.3 22.2 23.7 36484 1.58 34.808 5.39 1.75 79.2 0.00 26.4 24.1 38538 0.87 34.755 5.24 2.05 109.7 30.4 25.0 39338 0.756 34.720 5.16 2.10 114.2 31.3 25.5 | | | | | | | | | | | | | | | | |
| 26248 2.85 34.926 5.500 1.39 35.1 21.0 24.9 4000 0.66 34.716 5.30 27.867 24.5 2.831 28248 2.85 34.928 5.80 1.39 35.1 21.0 24.9 4000 0.66 34.716 5.16 27.860 25.2 2.911 30278 2.75 34.924 5.81 1.35 34.7 20.9 24.4 32318 2.60 34.913 5.87 1.38 37.6 21.2 23.9 34388 2.34 34.889 5.78 1.55 47.5 22.2 23.7 36448 1.58 34.889 5.78 1.75 79.2 0.00 26.4 24.1 38538 0.87 34.755 5.24 2.05 109.7 30.4 25.0 39338 0.756 34.720 5.16 2.10 14.2 31.3 25.5 | | | | | | | | | | | | | | | | |
| 28248 2.85 34.928 5.80 1.39 33.1 21.0 24.9 4000 0.66 34.716 5.16 27.860 25.2 2.911 35278 2.75 34.924 5.81 1.35 34.7 20.9 24.4 32318 2.60 34.913 5.87 1.38 57.6 21.2 23.9 34388 2.34 34.889 5.78 1.45 47.3 22.2 23.7 36448 1.58 54.808 5.39 1.75 79.2 0.00 26.4 24.1 38538 0.87 34.755 5.24 2.05 109.7 30.4 25.0 37938 0.756 34.720 5.16 2.10 114.2 31.5 25.5 | | | | | | | 0 00 | | | | | | | | | |
| 30278 2.75 34.924 5.81 1.35 34.7 20.9 24.4 32318 2.60 34.913 5.87 1.38 37.6 21.2 23.9 34388 2.34 34.889 5.78 1.45 47.3 22.2 23.7 36448 1.58 34.808 5.39 1.75 79.2 0.00 26.4 24.1 38538 0.87 34.755 5.24 2.05 109.7 30.4 25.0 39338 0.756 34.720 5.16 2.10 114.2 31.5 25.5 | | | | | | | 0.00 | | | | | | | | | |
| 32318 2.60 | | | | | | | | | | 4000 | 4,44 | 34.116 | 2.10 | 21.060 | 23.2 | 2.711 |
| 34388 2.34 34.889 5.78 1.45 47.3 22.2 23.7 36488 1.58 34.808 5.39 1.75 79.2 0.00 26.4 24.1 38538 0.87 34.755 5.24 2.05 109.7 30.4 25.0 39338 0.756 34.720 5.16 2.10 114.2 31.3 25.5 | | | | | | | | | | | | | | | | |
| 36449 1.58 34.808 5.39 1.75 79.2 0.00 26.4 24.1 38538 0.87 34.735 5.24 2.05 109.7 30.4 25.0 39338 0.756 34.720 5.16 2.10 114.2 31.3 25.5 | | | | | | | | | | | | | | | | |
| 38538 0.87 34.755 5.24 2.05 109.7 30.4 25.0 39338 0.756 34.720 5.16 2.10 114.2 31.3 25.5 | | | | | | | | | | | | | | | | |
| 3933R 0.756 34.720 5.16 2.10 114.2 31.3 25.5 | | | | | | | 0.00 | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 37.74 U./14 34./1/ 5.16 2.11 118.8 0.00 31.2 25.4 | | | | | | | | | | | | | | | | |
| | 37598 | 0.710 | 34.717 | 5,16 | 2.11 | 118.8 | 0.00 | 31.2 | 25.4 | | | | | | | |

| | | RV | MELVILL | 3. | | | | CATO | EXPEDITION | 1 41 | | | | | |
|-------|--------------------|--------|----------------|------|-------|-------------|---------------|-------|------------|-------------|--------|--------------|--------|-----------|-------|
| | LATITUD 26 11.0 | | ITUDE 45.8W | | AY/YR | | ENGER 0650 | TIME | 80110M | WIND 050 | SPEED | WEATHER 1 | DOMIN | ANT WAVES | s |
| | | | | | | •000 | | 0 | 1000 | | 1000 | • | • | | |
| Z | 7 | S | 02 | P04 | \$103 | NO2 | NO3 | DT | Z | T | s | 02 | STOT | DT | aa |
| 0 | 22.78 | 36,835 | 4.98 | 0.00 | | 0.00 | 0.0 | | 0 | 22.78 | 36.835 | 4.98 | 25.406 | 257.9 | 0.000 |
| 10 | 22.79 | 36.833 | 4.97 | 0.00 | | 0.00 | 0.0 | | | 22.79 | 36.833 | 4.97 | 25.402 | 258.3 | 0.026 |
| 56 | 22.77 | 36.830 | 5.01 | 0.00 | | 0.00 | 0.0 | | | 22.78 | 36.829 | 4.99 | 25.404 | 258.1 | 0.052 |
| 42 | 22,50 | 36.787 | 5.02 | U.00 | | 0.00 | 0.0 | | | 22.75 | 36.820 | 5.01 | 25.413 | 257.3 | 0.078 |
| 78 | 21.04 | 36,609 | 5.13 | 0.02 | | 0.00 | 0.0 | | | 22.20 | 36.748 | 5.05 | 25,508 | 246.2 | 0.128 |
| 115 | 20.21 | 36,449 | 5.08 | 0.06 | 0.8 | 0.08 | 0.0 | 217.9 | | 21.17 | 36.623 | 5.12 | 25.700 | 229.9 | 0.189 |
| 146 | 18.43 | 36.087 | 4.95 | 0.20 | 1.3 | 0.03 | 1.2 | 200.2 | 100 | 20.59 | 36.530 | 5.10 | 25.789 | 221.5 | 0.246 |
| 177 | 16.96 | 35,827 | 4.73 | 0.41 | 2.0 | 0.01 | 3.6 | 184.9 | 125 | 19.67 | 36.334 | 5.05 | 25.884 | 212.5 | 0.301 |
| 235 | 15.38 | 35,581 | 4.84 | 0.47 | 2.1 | 0.01 | 5.2 | 168.1 | 150 | 18.22 | 36.046 | 4.92 | 26.036 | 198.1 | 0.354 |
| 353 | 13.66 | 35,358 | 4.90 | 0.69 | 3.2 | 0.01 | 8.8 | 149.1 | 200 | 16.21 | 35.705 | 4.77 | 26.258 | 177.0 | 0.451 |
| 568 | 8.75 | 34.688 | 4.72 | 1.45 | 10.4 | 0.00 | 20.5 | 113.0 | 250 | 15.12 | 35.547 | 4.85 | 26.584 | 165.1 | 0.540 |
| 722 | 5.49 | 34.365 | 5.11 | 1.85 | 18.2 | 0.00 | 26.9 | 93.8 | 300 | 14.55 | 35.447 | 4.87 | 26.476 | 156.4 | 0.624 |
| 851 | 4.30 | 34,328 | 4.96 | 2.09 | 28.5 | 0.00 | 30.4 | 83.7 | 400 | 12.67 | 35.209 | 4.84 | 26.640 | 140.8 | 0.782 |
| 978 | 3.70 | 34.385 | 4.54 | 2.20 | 40.3 | 0.00 | 32.6 | 73.5 | 500 | 10.40 | 34.893 | 4.75 | 26.818 | 123.9 | 0.926 |
| 1066A | 3.31 | 34.423 | 4.47 | 2.25 | 48.1 | 0.00 | 33.1 | 67.1 | 600 | 7.98 | 34.599 | 4.81 | 26.982 | 108.4 | 1.053 |
| 1107 | 3.22 | 34.439 | 4.48 | 2.24 | 50.0 | 0.00 | 53.3 | 65.1 | 700 | 5.89 | 34.397 | 5.06 | 27.112 | 96.1 | 1.165 |
| 12194 | 3.30 | 34.560 | 4.39 | 2.20 | 49.8 | | 31.7 | 56.6 | 800 | 4.65 | 34.328 | 5.02 | 27.204 | 87.4 | 1.265 |
| 1236 | 3.35 | 34.573 | 4.38 | 2.15 | 48.4 | 0.00 | 31.6 | 55.9 | 1000 | 3.59 | 34.397 | 4.52 | 27.370 | 71.8 | 1.441 |
| 1372A | 3.26 | 34.652 | 4.44 | 2.05 | 50.5 | | 30.5 | 49.4 | 1200 | 3.29 | 34.541 | 4.41 | 27.514 | 58.0 | 1.587 |
| 1576A | 5.61 | 34.838 | 4.93 | 1.78 | 35.1 | | 25.4 | 38.6 | 1500 | 3.46 | 34.770 | 4.72 | 27.679 | 42.4 | 1.770 |
| 1780A | 5.69 | 34.927 | 5.38 | 1.40 | 26.0 | | 22.5 | 32.6 | 1750 | 3.68 | 34.916 | 5.32 | 27.775 | 33.3 | 1.899 |
| 1983A | 3.52 | 34.948 | 5.71 | 1.32 | 24.1 | 0.00 | 21.0 | 29.4 | 2000 | 3.51 | 34.949 | 5.72 | 27,817 | 29.3 | 2.017 |
| 2188A | 3.37 | 34.958 | 5.80 | 1.37 | 24.5 | No. Tree or | 20.5 | 27.3 | 2250 | 3.18 | 34.945 | 5.80 | 27.846 | 26.6 | 2.129 |
| 21884 | 3.20 | 34.946 | 5.79 | 1.55 | 26.5 | | 20.5 | 26.6 | 2500 | 3.10 | 34.939 | 5.84 | 27.849 | 26.3 | 2.239 |
| 25964 | 3.07 | 34.937 | 5.86 | 1.38 | 29.0 | | 20.5 | 26.2 | 2750 | 2.97 | 34.936 | 5.84 | 27.058 | 25.4 | 2.350 |
| 28004 | 2.94 | 34,935 | 5.83 | 1.35 | 31.2 | | 20.8 | 25.2 | | 2.82 | 34.926 | 5.82 | 27.865 | 24.8 | 2.461 |
| 3005A | 2.82 | 34.927 | 5.82 | 1.42 | | 0.00 | 21.0 | 24.7 | 3250 | 2.60 | 34.911 | 5.82 | 27.872 | 24.1 | 2.571 |
| 3211A | 2.63 | 34.913 | 5.82 | 1.38 | 36.9 | | 21.0 | 24.2 | 3500 | 2.08 | 34.862 | 5.70 | 27.877 | 23.7 | 2.675 |
| 3417A | | 34,893 | 5.80 | 1.46 | 45.8 | | 22.0 | 23.6 | 3750 | 1.21 | 34.770 | 5.26 | 27.868 | 24.5 | 2.768 |
| 3626A | | 34.814 | 5.49 | 1.75 | 78.4 | | 26.3 | | | 0.66 | 34.715 | 5.14 | 27,859 | 25.3 | 2.848 |
| 3835A | | 34.745 | 5.16 | 1.97 | 103.1 | | 29.5 | 25.0 | | | | | | | -,-,- |
| 3913A | | 34.732 | 5.18 | 2.07 | 112.0 | 0.00 | 30.4 | 24.9 | | | | | | | |
| 39924 | | 34.717 | 5.15 | 2.13 | 117.2 | | 31.1 | 25.3 | | | | | | | |
| 40454 | | 34,701 | 5.10 | 2.19 | 124.7 | 0.00 | 32.2 | | | | | | | | |
| | | | | | | 3.00 | | -5.5 | | | | | | | |

| | | 7 511 | | | CATO EXPEN | ITION VI | | | 8 51 | D | |
|----------------|-------|-----------|---------|--------------|------------------------|----------------|-------|--------------------|---------|-------|------------|
| LATI: | | 10161TUGE | MO/DAY/ | | START TIME 0936 GMT | LATIT 26 11 | | LONGITUDE 38 45.8% | 11/11/ | | START TIME |
| 1 | 7 | s | SIGMA T | nt | 00 | 2 | 7 | S | SIGMA T | DT | DD |
| 0 | 23.08 | 36.89 | 25.361 | 262.2 | 0.000 | Q | 22.80 | 36.82 | 25.389 | 259.5 | 0.000 |
| 10 | 25.08 | 36.89 | 25.361 | 262.2 | | 10 | 22.76 | 36.84 | 25.410 | 257,5 | 0.026 |
| 26 | 23.09 | | 25.351 | 263.2 | | 50 | 22.79 | 36.65 | 25.415 | 257.1 | |
| 50 | 23.08 | | 25.354 | 262.9 | | 30 | 22.79 | 36.85 | 25.415 | 257.1 | |
| 40 | 22.62 | | 25.396 | 258.9 | | 40 | 22.71 | 36.82 | 25.415 | 257.1 | |
| 50 | 22.22 | | 25.525 | 246.6 | | 50 | 22.44 | | 25.455 | 253,3 | |
| 60 70 | 22.27 | | 25.572 | 242.2 | | 60 70 | 22.04 | | 25.546 | 244.7 | |
| 80 | 22.15 | | 25.598 | 239.7 | | 80 | 21.03 | | 25.720 | 228.0 | |
| 90 | 22.04 | | 25.606 | 238.9 | | 90 | 20.92 | | 25.720 | 228.1 | |
| 100 | 21.82 | | 25.630 | 236.6 | | 100 | 20.78 | 56.53 | 25.735 | 226.6 | 0.248 |
| 125 | 21.40 | | 25.710 | 229.1 | 0.312 | 125 | 19.72 | 36.30 | 25.844 | 216.3 | 0.504 |
| 150 | 20.70 | 36.50 | 25.734 | 226.7 | | 150 | 18.45 | 36.08 | 26.003 | 201.2 | |
| 500 | 17.78 | | 26.071 | 194.6 | | 200 | 16.45 | 35.60 | 26.183 | 184.1 | 0.457 |
| 250 | 16.00 | | 26.257 | 177.2 | 0.575 | 250 | 15.27 | 35.57 | 26.368 | 166.6 | 0.548 |
| 300 | 14.91 | | 26.418 | 161.9 | 0.664 | 300 | 14.32 | 35.43 | 26.469 | 157.1 | |
| 350 | 14.25 | 35.43 | 26.484 | 148.4 | | 350 400 | 13.79 | 35.37 | 26.535 | 150.8 | 0.715 |
| 400 | 12.30 | | 26.643 | 140.6 | | 450 | 12.59 | 35.16 | 26.617 | 143.0 | |
| 500 | 11.20 | | 26.750 | 130.4 | | 500 | 10.59 | 34.90 | 26.790 | 126.6 | |
| 550 | 9.79 | 34.81 | 26,859 | 120.1 | | 550 | 9.24 | 34.71 | 26.872 | 118.8 | |
| 600 | 8.58 | | 26.931 | 113.2 | | 600 | 7.93 | 34.58 | 26.975 | 109.0 | 1.068 |
| 650 | 7.39 | 34.50 | 26.991 | 107.5 | 1.174 | 650 | 6.72 | 34.45 | 27.045 | 102.4 | 1,126 |
| 700 | 6.56 | | 27.067 | 100.4 | | 700 | 5.59 | 34.37 | 27.128 | 94.6 | |
| 750 | 5.80 | | 27.110 | 96.3 | | 750 | 5.07 | | 27.158 | 91.7 | |
| B00 | 5.13 | | 27,183 | 89.4 | 1.337 | 800 | 4.62 | 34.30 | 27.186 | 89.1 | |
| 850 | 4.63 | | 27.209 | 67.0 | 1.386 | 850 | 4.30 | 34.33 | 27.244 | 83.6 | 1.328 |
| 900 | 4.22 | | 27.245 | 83.5 79.5 | 1.432 | 900 | 4.08 | 34.35 | 27.284 | 79.4 | |
| 1000 | 5.67 | | 27.353 | 75.1 | 1.520 | 1000 | 3.63 | 34.37 | 27.319 | 76.5 | |
| 1100 | 3.28 | | 27.427 | 66.3 | 1.599 | 1100 | 3.28 | 34.45 | 27.443 | 64.8 | |
| 1200 | 3.08 | | 27.485 | 60.7 | 1.670 | 1200 | 3.15 | 34.52 | 27.510 | 58.3 | |
| 1500 | 2.91 | | 27.564 | 53.2 | | 1300A | 3.31 | 34.62 | 27.575 | 52.2 | |
| 1400 | 2.94 | 34.63 | 27.617 | 48.2 | | 1400A | 3.48 | 54.72 | 27.638 | 46.2 | |
| 1500 | 3.08 | 34.72 | 27.676 | 42.6 | 1.851 | 1500A | 3.57 | | 27.685 | 41.8 | 1.784 |
| 1600 | 3,13 | | | 39.3 | | 1600A | 3.63 | 34.65 | 27.727 | 37.8 | |
| 1700A | | | 27.738 | 36.8 | | 1700A | 3.71 | | 27.758 | 34.9 | |
| 18004 | 3.24 | | | 32.0 | | 1800A | 3.69 | 34.93 | 27.784 | 32.4 | |
| 19004 | | | 27.785 | 32,3 | 2.047 | 1900A | 3.59 | 34.95 | 27.810 | 29.9 | |
| 200CA 2100A | | 34.94 | 27.820 | 29.0 | 2.093 | 2000A | 3.51 | 34.95 | 27.816 | 29.2 | |
| 2200A | | | 27.833 | 27.7 | 2.183 | 5500V | 3.45 | 34.96 | 27.832 | 27.9 | |
| 23004 | | | 27.843 | 26.8 | | 2300A | 3.30 | 54.95 | 27.838 | 27.3 | |
| 2400A | | | 27.840 | 27.1 | 2.271 | 2400A | 3.21 | 34.95 | 27.847 | 26.4 | |
| 2500A | | 34.93 | 27.847 | 26.4 | 2.316 | 2500A | 3.13 | 34.94 | 27.647 | 26.5 | |
| 2600A | 2,99 | 34.94 | 27.860 | 25.2 | | 2600A | 3.06 | 54.94 | 27.853 | 25.6 | |
| 2700A | | | 27.859 | 25.3 | | 2700A | 2.98 | 34.93 | 27.853 | 25.9 | 2.344 |
| 28004 | | | 27.863 | 25.0 | 2.447 | 2800A | 2.94 | 34.93 | 27.856 | 25.5 | 2.369 |
| 2900A | | | 27.868 | 24.4 | 2.491 | 2900A | 2.87 | | 27.863 | 25.0 | 2,433 |
| 3000A | 2.74 | 34.93 | 27.875 | 23.8 | | 3000A | 2.82 | 34.92 | 27.859 | 25.3 | 2,478 |
| 3100A | 2.68 | | 27.880 | 23.3 | | 3100A | 2.73 | 34.92 | 27.868 | 24.5 | |
| 3200A 3300A | 2.62 | | 27.877 | 23.6 | | 3200A | 2.63 | 34.91 | 27.868 | 24.4 | |
| 3400A | | | 27.879 | 23.4 | | 3400A | 2.54 | 34.90 | 27.868 | 24.4 | |
| 3500A | | | 27.890 | 22.3 | | 3500A | 2.36 | 34.87 | 27.874 | 23.9 | |
| 360CA | | 34.85 | 27.878 | 23.5 | | 3600A | 1.72 | 34.83 | 27.879 | 23.4 | |
| 3700A | 1.46 | 34.80 | 27.874 | 23.9 | | 3700A | 1.41 | 34.80 | 27.876 | 23.5 | |
| 3800A | 0.96 | | 27.867 | 24.5 | | 3800A | 1.10 | 34.77 | 27.875 | 23.8 | |
| 3900A | 0.77 | 34.72 | 27.857 | 25.5 | 2.889 | 3900A | 0.83 | 34.73 | 27.861 | 25,1 | |
| **** | 0.67 | 34.71 | 27.855 | 25.7 | 2.916 | 4000A | 0.64 | 34.70 | 27.849 | 26.3 | |
| 39884 | 0.01 | | | E 2 . 1 | E. 710 | 4079A | 0.64 | 34.10 | 21.049 | 20.0 | €,001 |

| | | HV | MELVILL | E | | | | CATO | EXPEDITIO | IV VI | | | | | |
|-------|--------------------|--------|---------|------|-------|------|---------------|-------|-----------------|-------|---------------|--------------|--------|-----------|-------|
| | LATITUD 26 45.7 | | 59.0W | | 1/72 | | ENGER 1847 | TIME | POTTOM 4295M | W1ND | SPEED 14KT | WEATHER 2 | | ANT WAVES | |
| 2 | 1 | s | 02 | P04 | \$103 | NO2 | NOS | 01 | z | τ | s | 02 | 5161 | UT | DD |
| 0 | 21.77 | 36.518 | 5.16 | 0.00 | | 0.01 | 0.0 | 253.5 | 0 | 21.77 | 36.518 | 5.16 | 25.453 | 253.5 | 0.000 |
| 10 | 21.77 | 36.514 | 5.11 | 0.00 | | 0.00 | 0.0 | 253.7 | 10 | 21.77 | | 5.11 | 25.450 | | |
| 26 | 21.76 | 36.508 | 5.15 | | | 0.00 | | 253.9 | 20 | 21.76 | 36.514 | | | 253.7 | 0.025 |
| 42 | 21.38 | 36,533 | 5.22 | 0.00 | | | 0.0 | 242.1 | 30 | 21.68 | 36.508 | 5.14 | 25.449 | 253.9 | 0.051 |
| 80 | | | | 0.00 | | 0.00 | 0.0 | | | | 36.512 | 5.17 | 25.475 | 251.4 | 0.076 |
| | 20.53 | 36.484 | 5.22 | 0.02 | | 0.00 | 0.0 | 223.5 | 50 | 21.29 | 36.551 | 5.22 | 25.614 | 238.1 | 0.125 |
| 116 | 17.76 | 35,956 | 4.89 | 0.22 | | 0.05 | 1.9 | 193.9 | 75 | 20.70 | 36.509 | 5.22 | 25.743 | 225.9 | 0.184 |
| 148 | 16.85 | 35,816 | 4.89 | 0.28 | | 0.02 | 3.0 | 183.2 | 100 | 18,99 | 36.185 | 5.03 | 25.946 | 206.6 | 0.239 |
| 179 | 15.91 | 35,663 | 4.97 | 0.46 | | 0.01 | 4.5 | 173.5 | 125 | 17.43 | 35.903 | 4.89 | 26.120 | 190.1 | 0.290 |
| 236 | 14.97 | 35,542 | 4.99 | 0.47 | | 0.01 | 5.5 | 162.3 | 150 | 16.79 | 35.604 | 4.89 | 26.200 | 182.5 | 0.337 |
| 354 | 13.68 | 35,386 | 4.97 | 0.64 | | 0.01 | 8.4 | 147.4 | 200 | 15.49 | 35.604 | 4.98 | 26.346 | 168.7 | 0.428 |
| 569 | 8.90 | 34.699 | 4.97 | 1.41 | | 0.00 | 20.3 | 114.4 | 250 | 14.82 | 35.525 | 4.99 | 26.435 | 160.3 | 0.514 |
| 721 | 5.56 | 34.362 | 5.22 | 1.81 | | 0.00 | 26.6 | 94.A | 300 | 14.27 | 35.463 | 4.98 | 26.504 | 153.7 | 0.596 |
| 849 | 4.22 | 34.300 | 5.30 | 2.02 | | 0.00 | 29.7 | 85.0 | 400 | 12.79 | 35.246 | 4.97 | 26.645 | 140.4 | 0.753 |
| 891p | 3.86 | 34.300 | 5.20 | 1.98 | 29.9 | 0.00 | 30.4 | 81.5 | 500 | 10.60 | 34.923 | 4.97 | 26.807 | 125.1 | 0.897 |
| 997P | 3.44 | 34.360 | 4.78 | 2.16 | 41.6 | 0.00 | 31.8 | 73.0 | 600 | 8.14 | 34.609 | 5.02 | 26.966 | 109.9 | 1.025 |
| 1106P | 3.17 | 34.427 | 4.57 | 2.22 | 48.1 | 0.00 | 32.8 | 65.5 | 700 | 5.96 | 34.395 | 5.18 | 27,101 | 97.2 | 1.139 |
| 1194P | 3.05 | 34.488 | 4.40 | 2.21 | 53.3 | 0.00 | 32.8 | 59.9 | 800 | 4.63 | 34.311 | 5.27 | 27,192 | 88.5 | 1.240 |
| 1347A | 3.03 | 34.591 | 4.37 | 2.16 | 55.1 | 0.00 | 31.8 | 51.9 | 1000 | 3.45 | 34.362 | 4.77 | 21.357 | 72.8 | 1.417 |
| 1499A | 2.94 | 34.685 | 4.55 | 2.03 | 55.5 | | 29.7 | 44.0 | 1200 | 3.05 | 34.493 | 4.40 | 27,498 | 59.5 | 1.566 |
| 1653A | 2.86 | 34.741 | 4.70 | 1.92 | 55.2 | | 28.5 | 39.1 | 1500 | 2.94 | 34.686 | 4.55 | 27.662 | 44.0 | 1.749 |
| 1856A | 3.18 | 34.877 | 5.31 | 1.62 | 36.8 | | 24.0 | 31.7 | 1750 | 2.99 | 34.805 | 4.97 | 27.753 | 35.4 | 1.876 |
| 2059A | 3.38 | 34.954 | 5.79 | 1.32 | 24.1 | | 20.5 | 27.7 | 2000 | 3.35 | 34.940 | 5.69 | 27.825 | 28.5 | 1.991 |
| 2262A | 3.11 | 34,935 | 5.71 | 1.35 | | 0.00 | 21.0 | 26.7 | 2250 | 3.13 | 34.938 | 5.71 | 27.845 | 26.7 | 2.101 |
| 2466A | 3.01 | 34.925 | 5.73 | 1.35 | 30.7 | | 21.0 | 26.5 | 2500 | 2.99 | 34.925 | 5.75 | 27.848 | 26.3 | 2.210 |
| 2670A | 2.91 | 34.930 | 5.84 | 1.35 | 31.5 | | 20.7 | 25.3 | 2750 | 2.86 | 34.928 | 5.85 | 27.862 | 24.9 | 2.319 |
| 2874A | 2.79 | 34,926 | 5.87 | 1.59 | 33.6 | | 21.0 | 24.6 | 3000 | 2.72 | 34,921 | 5.85 | 27.870 | 24.3 | 2.427 |
| 3079A | 2.67 | 34.918 | 5.83 | 1.38 | 35.8 | | 21.1 | 24.2 | 3250 | 2.52 | 34.911 | 5.82 | 27.880 | 23.3 | 2.534 |
| 3286A | 2.48 | 34.91 | 5.82 | 1.49 | | 0.00 | 21.1 | 23.2 | 3500 | 2.09 | 34.866 | 5.67 | 27.679 | 23.4 | 2.637 |
| 3492A | 2.11 | 34.869 | 5.68 | 1.56 | 55.6 | 0.00 | 23.5 | 23.4 | 3750 | 1.44 | 34.797 | | 27.874 | | |
| 3700A | 1.56 | 34.808 | 5.50 | 1.79 | 79.7 | | 26.5 | 24.0 | 4000 | 0.78 | 34.735 | 5.44 | | 23.9 | 2.731 |
| 3909A | 1.05 | 34.765 | 5.25 | 1.98 | 99.2 | | 29.6 | 23.8 | 4250 | 0.78 | | 5.13 | 27.867 | 24.6 | 2.814 |
| | | 34.701 | 5.07 | | | | | | 4250 | 0.34 | 34.690 | 5.13 | 27.858 | 25.4 | 2.886 |
| 41194 | 0.50 | | | 2.17 | 123.9 | | 32.5 | 25.4 | | | | | | | |
| 4198A | 0.422 | 34.695 | 5.14 | 2.21 | 124.4 | 0.00 | 31.9 | 25.5 | | | | | | | |
| 4277A | 0.302 | 34.687 | 5.12 | 2.25 | 128.6 | | 32.6 | 25.4 | | | | | | | |
| 4330A | 0.290 | 34.683 | 5.13 | 2.26 | 129.2 | 0.00 | 32.9 | 25.7 | | | | | | | |

| | | HV | MELVILL | 3. | | | | CATO | EXPEDITE | ON VI | | | | | |
|-------|----------|--------|---------|------|-------|------|-------|-------|----------|-------|--------|---------|--------|-----------|-------|
| | LATITUDE | LONG | SITUDE | MO/0 | AY/YR | MESS | ENGER | TIME | BOTTOM | WIND | SPEED | WEATHER | DOMIN | ANT WAVES | |
| | 27 41.3 | 36 | 42.2W | 11/1 | 2/72 | 0658 | 1012 | GMT | 4677M | 090 | 17KT | 2 | 09 | 0 6 8 | |
| Z | T | s | 02 | P04 | \$103 | N02 | NO3 | DT | Z | T | S | 02 | SIGT | DT | DD |
| 0 | 21.43 | 36,536 | 5.14 | 0.02 | 1.0 | 0.00 | 0.0 | 243.2 | 0 | 21.43 | 36.536 | 5.14 | 25.562 | 243.2 | 0.000 |
| 10 | 21.44 | 36,531 | 5.17 | 0.00 | 0.8 | 0.00 | 0.0 | 243.8 | 10 | 21.44 | 36.531 | 5.17 | 25.555 | 243.8 | 0.024 |
| 26 | 21.44 | 36,531 | 5.17 | 0.00 | 0.8 | 0.00 | 0.0 | 243.8 | 20 | 21.44 | 36.529 | 5.17 | 25,555 | 243.8 | 0.04 |
| 41 | 21.43 | 36,535 | 5.18 | 0.01 | 1.0 | 0.00 | 0.0 | 243.2 | 30 | 21.44 | 36.530 | 5.17 | 25,557 | 243.6 | 0.07 |
| 78 | 20.47 | 36,419 | 5.25 | 0.04 | 0.8 | 0.00 | 0.0 | 226.7 | 50 | 21.52 | 36.530 | 5.19 | 25.590 | 240.5 | 0.12 |
| 114 | 18.29 | 35.977 | 5.32 | 0.14 | 1.0 | 0.01 | 0.1 | 204.9 | 75 | 20.60 | 36.436 | 5.24 | 25.715 | 228.5 | 0.18 |
| 155 | 17.28 | 35.848 | 5.23 | 0.25 | 1.4 | 0.10 | 0.7 | 190.7 | 100 | 19.14 | 36.144 | 5.30 | 25.877 | 213.2 | 0.23 |
| 186 | 16.32 | 35,721 | 4.93 | 0.41 | 1.7 | | 3.2 | 178.3 | 125 | 17.96 | 35.926 | | 26.009 | 200.6 | 0.29 |
| 258 | 14.93 | 35,543 | 5.00 | 0.48 | 2.0 | 0.01 | 5.4 | 161.4 | 150 | 17.57 | 35.854 | 5.24 | 26,099 | 192.2 | 0.34 |
| 361 | 13.70 | 35,395 | 4.99 | 0.63 | 3.0 | 0.01 | 8.1 | 147.2 | 200 | 15.99 | 35.677 | 4.94 | 26.289 | 174.1 | 0.43 |
| 566 | 9.27 | 34.743 | 4.75 | 1.36 | 8.9 | 0.00 | 19.1 | 116.8 | 250 | 15.04 | 35.557 | 4.99 | 26.409 | 162.7 | 0.52 |
| 720 | 5.88 | 34.389 | 5.16 | 1.77 | | 0.00 | 25.8 | 96.6 | 300 | 14.41 | 35.485 | 5.00 | 26.491 | 154.9 | 0.60 |
| 873 | 4.18 | 34.288 | 5.32 | 2.03 | 24.5 | 0.00 | 29.5 | 85.5 | 400 | 12.96 | 35.278 | 4.92 | 26.634 | 141.4 | 0.76 |
| 1027 | 3.44 | 34.350 | 4.82 | 2.20 | | 0.00 | 32.2 | 73.8 | 500 | 10.85 | 34.958 | | 26.790 | 126.5 | 0.90 |
| 1181 | 3.06 | 34.444 | 4.51 | 2.25 | 50.0 | 0.00 | 33.2 | 63.3 | 600 | 8.45 | 34.644 | 4.83 | 26.946 | 111.9 | 1.03 |
| 1336 | 2.93 | 34.551 | 4.39 | 2.12 | 55.1 | 0.00 | | 54.1 | 700 | 6.27 | 34.423 | 5,10 | 27,083 | 98.9 | 1.15 |
| 1492 | 2.84 | 34,651 | 4.47 | 2.08 | 56.2 | 0.00 | | 45.A | 800 | 4.83 | 34.315 | 5.24 | 27.174 | 90.3 | 1.25 |
| 1573A | 2.82 | 34.681 | 4.56 | 2.06 | | 0.01 | 30.4 | 43.3 | 1000 | 3,52 | 34.333 | | 27.326 | 75.8 | 1.44 |
| 1648 | 2.789 | 34.716 | 4.69 | 1.97 | 55.8 | 0.00 | | 40.4 | 1200 | 3.04 | 34.457 | 4.48 | 27.471 | 62.1 | 1.59 |
| 1778A | 2.79 | 34.777 | 4.87 | 1.87 | 51.3 | | 27.4 | 35.8 | 1500 | 2.84 | 34.656 | | 27.647 | 45.5 | 1.78 |
| 19834 | 2.83 | 34.828 | 5.19 | 1.72 | 47.0 | | 25.4 | 32.3 | 1750 | 2.79 | 34.767 | 4.83 | 27.740 | 36.7 | 1.91 |
| 2187A | 2.89 | 34.878 | 5.48 | 1.61 | 38.6 | | 23.2 | 29.0 | 2000 | 2.84 | 34.832 | 5.22 | 27.788 | 32.0 | 2.02 |
| 23914 | 2.92 | 34.910 | 5.65 | 1.38 | 33.3 | | 21.5 | 26.9 | 2250 | 2.91 | 34.889 | 5.54 | 27.828 | 28.2 | 2.14 |
| 2595A | 2.87 | 34.916 | 5.75 | 1.40 | 33.8 | 0.00 | 21.2 | 26.0 | 2500 | 2.90 | 34.913 | 5.71 | 27.847 | 26.3 | 2.24 |
| 2800A | 2.79 | 34,921 | 5.81 | 1.38 | 33.8 | | 21.0 | 24.9 | 2750 | 2.81 | 34.919 | 5.80 | 27.860 | 25.2 | 2.35 |
| 3107A | 2.63 | 34.914 | 5.82 | 1.42 | 36.2 | | 21.1 | 24.1 | 3000 | 2.69 | 34.916 | 5.82 | 27.869 | 24.2 | 2.46 |
| 3209A | 2.57 | 34.905 | 5.85 | 1.44 | 58.6 | | 21.3 | 24.3 | 3250 | 2.53 | 34.902 | 5.84 | 27.871 | 24.2 | 2.57 |
| 3415A | 2.33 | 34.887 | 5.80 | 1.47 | 45.1 | | 22.4 | 23.7 | 3500 | 2.19 | 34.873 | 5.75 | 27.877 | 23.6 | 2.67 |
| 36214 | 1.97 | 34.853 | 5.66 | 1.65 | | 0.00 | 24.2 | 23.5 | 3750 | 1.70 | 34.822 | | 27.874 | 23.9 | 2.77 |
| 3827A | 1.55 | 34,805 | 5.47 | 1.78 | 78.4 | | 26.7 | 24.1 | 4000 | 1.54 | 34.782 | | 27.869 | 24.4 | 2.86 |
| 4034A | 1.31 | 34.779 | 5.38 | 1.93 | 88.2 | | 27.9 | | 4250 | 1.12 | 34.753 | | 27.860 | 25.0 | 2.95 |
| 4241A | | 34.758 | 5.32 | 1.97 | 97.1 | | 29.1 | 25.0 | 4500 | 0.39 | 34.689 | | 27.854 | 25.8 | 3.03 |
| 44494 | | 34.698 | 5.04 | 2.17 | 118.4 | | 32.0 | 26.1 | | | | | | | |
| 4555A | | 34.681 | 5.10 | 2.25 | 127.0 | 0.00 | 32.9 | 25.5 | | | | | | | |
| 4606A | | 34.675 | 5.17 | 2.26 | 130.1 | | 32.9 | | | | | | | | |
| 46594 | | 34 674 | | 2 27 | | | | | | | | | | | |

| | | 9 511 | 0 | | CATO E | EXFEDITION VI | | | 10 51 | D | |
|----------------|-------|-----------|-------------------|-------|------------------------|----------------|-------|-----------|---------|--------------|------------|
| LATIT 26 45 | | LONGITUDE | MO/DAY/ 11/11/ | | START TIME 1359 GMT | | 100E | 10161TUDE | | | START TIME |
| 7 | 1 | S | SIGMA T | 2.1 | DD | 2 | 7 | 5 | SIGMA T | DT | DU |
| 0 | 21.81 | 36.52 | 25.443 | 254.4 | 0.000 | 0 | 21.43 | 36.52 | 25.549 | 244.3 | 0.000 |
| 10 | 21.78 | 36.51 | 25.444 | 254.3 | 0.025 | 10 | 21.44 | 36.52 | 25.547 | 244.6 | 0.024 |
| 50 | 21.79 | 36.52 | 25.449 | 253.9 | | 20 | 21.43 | 36.52 | 25.549 | 244.5 | 0.049 |
| 40 | 21.77 | 36.54 | 25.584 | 254.0 | | 30 | 21.44 | 36.52 | 25.547 | 244.6 | 0.074 |
| 50 | 20.84 | 36.52 | 25.712 | 228.9 | 0.125 | 50 | 21.44 | 36.53 | 25.554 | 243.9 | 0.098 |
| 60 | 20.80 | | 25.715 | 228.6 | 0.148 | 60 | 21.41 | | 25.608 | 238,7 | 0.147 |
| 70 | 20.78 | | 25.743 | 225.9 | 0.171 | 70 | 21.36 | 36.60 | 25.630 | 236,7 | 0.171 |
| 80 | 20.67 | | 25.743 | 225.9 | | 80 | 21.13 | 36.50 | 25.617 | 237.9 | 0.195 |
| 100 | 19.94 | | 25.801 | 212.6 | 0.217 | 100 | 19.80 | | 25.739 | 226.3 | 0.219 |
| 125 | 17.60 | | 26.054 | 196.4 | | 125 | 19.72 | | 26.006 | 222.1 | 0.241 |
| 150 | 16.75 | 35.78 | 26,189 | 183.6 | | 150 | 17.45 | | 26.090 | 193.0 | 0.346 |
| 200 | 15.62 | 35.64 | 26.344 | 168.9 | 0.430 | 200 | 16.18 | 35.70 | 26.261 | 176.7 | |
| 250 | 14.84 | | 26.441 | 159.7 | 0.516 | 250 | 15.09 | | 26.409 | 162.8 | 0.529 |
| 350 | 14.40 | | 26.505 | 153.6 | | 300 350 | 14.44 | 35.50 | 26.497 | 154.4 | 0.613 |
| 400 | 12.83 | | 26.631 | 141.7 | | 400 | 13.76 | | 26.564 | 148.0 | 0.693 |
| 450 | 11.67 | | 26.732 | 132.0 | U.830 | 450 | 11.92 | | 26.700 | 135.1 | 0.847 |
| 500 | 10.65 | | 26,795 | 126.1 | 0.900 | 500 | 10.74 | 34.93 | 26.787 | 126.9 | 0.918 |
| 550 | 9.35 | | 26.839 | 122.0 | 0.966 | 550 | 9.58 | 34.78 | 26.871 | 118.9 | |
| 650 | 8.08 | | 26.961 | 101.8 | | 600 650 | 8.28 | | 26.954 | 111.1 | 1.048 |
| 700 | 5.91 | | 27.096 | 97.6 | | 700 | 6.28 | 34.41 | 27.072 | 107.3 | 1.108 |
| 750 | 5.20 | | 27.128 | 94.6 | 1.197 | 750 | 5.49 | | 27.125 | 94.9 | |
| 800 | 4.63 | 34,30 | 27.185 | 89.2 | 1.247 | 600 | 4.90 | | 27.170 | 90.6 | |
| 850 | 4.18 | | 27,226 | 85.4 | 1.295 | 850 | 4.27 | | 27.208 | 87.0 | |
| 900 | 3.84 | | 27.276 | 80.5 | 1.340 | 900 950 | 4.06 | | 27.246 | 83.4 | |
| 1000 | 3.72 | | 27.363 | 77.9 | 1.584 | 1000 | 3.67 | | 27.273 | 60.8 76.0 | |
| 1100 | 3,17 | | 27.437 | 65.3 | 1.501 | 1100 | 3.24 | 34.39 | 27.399 | 68.9 | 1,533 |
| 1200 | 3.04 | | 27.497 | 59.6 | 1.572 | 1200 | 3.05 | 34.46 | 27.472 | 62.0 | 1.607 |
| 1300 | 2.92 | | 27.572 | 52.5 | 1.636 | 1300 | 2.97 | 34.52 | 27.527 | 56.8 | 1.674 |
| 1400A 1500A | 3.03 | | 27.606 | 49.3 | 1.696 | 1400 1560 | 2.88 | | 27.599 | 49.9 | 1.737 |
| 1600A | 2.87 | | 27.688 | 41.6 | 1.807 | 1600 | 2.82 | | 27.644 | 45.7 | 1.794 |
| 1700A | 2.98 | 34.78 | 27.733 | 37.2 | 1.858 | 1700A | | | 27.717 | 38.8 | 1.898 |
| 180CA | 3.10 | 34.83 | 27.762 | 34.5 | 1.906 | 1800A | 2.79 | | 27.751 | 35.6 | 1.947 |
| 1900A | 3.26 | | 27.795 | 31.4 | 1.953 | 1900A | | 34.81 | 27.773 | 33,5 | 1.994 |
| 2000A | 3.23 | | 27.829 | 28.1 | 1.998 | 2000A 2100A | | | 27.788 | 32.1 | |
| 2100A 2200A | 3.14 | | 27.838 | 27.3 | | 22004 | | | 27.807 | 30.2 | |
| 2300A | 3.11 | 34.93 | 27.641 | 27.0 | | 2300A | | 34.90 | 27.835 | 27.5 | |
| 24004 | 3.06 | | 27.845 | 26.6 | 2.174 | 2400A | 2.91 | 34,91 | 27.843 | | 2.215 |
| 2500A | 2.96 | | 27.855 | 25.7 | 2.218 | 2500A | 2.90 | 34.91 | 27.844 | 26.7 | 2.259 |
| 2600A | 2.93 | | 27.657 | 25.5 | | 2600A | | 34.92 | 27.858 | 25.4 | 2.302 |
| 2700A 2800A | 2.88 | | 27.854 | 25.6 | | 2700A 2800A | | 34.92 | 27.860 | 25.2 | 2,345 |
| 2900A | 2.75 | | 27.866 | 24.7 | | 2900A | | 34.93 | 27.875 | 23.8 | |
| 3000A | 2.70 | 34.92 | 27.870 | 24.3 | 2.435 | 3000A | | 34.92 | 27.873 | 24.0 | |
| 3100A | 2.63 | | 27.876 | 23.7 | 2.477 | 3100A | 2.53 | 54.91 | 27.868 | 24.4 | 2,516 |
| 3200A | 2.58 | | 27,881 | 23.3 | 2.520 | 3200A | | | 27.874 | 23.9 | 2,559 |
| 3300A | 2.47 | | 27.882 | 23.1 | 2.562 | 3300A 3400A | | | 27.873 | 23.9 | 2,602 |
| 3500A | 2.15 | | 27.885 | 22.6 | 2.644 | 3500A | | | 27.876 | 23.7 | |
| 3600A | 1.83 | 34.84 | 27.879 | 23.5 | 2.683 | 3600A | | | 27.879 | 23.4 | 2.726 |
| 37004 | 1.58 | 34.81 | 27.873 | 23.9 | 2.720 | 3700A | 1.80 | 34.84 | 27.881 | 23.2 | 2.765 |
| 3800A | 1.32 | | 27.876 | 23.7 | 2.756 | 3800A | 1.62 | 34.82 | 27.879 | 23.5 | 2.803 |
| 3900A | 0.75 | | 27.875 | 23.8 | | 3900A | | 34.79 | 27.867 | 24.6 | 2.639 |
| 4000A 4100A | 0.75 | 34.70 | 27.866 27.858 | 24.7 | 2.821 | 4000A | | 34.77 | 27.859 | 25.3 | 2.912 |
| 42004 | 0.42 | | 27.862 | 25.1 | 2.878 | 4200A | | | 27.863 | 25.0 | 2.947 |
| 4300A | 0.27 | 34.69 | 27.862 | 25.0 | 2,905 | 4360A | | | 27.867 | 24.5 | 2.982 |
| 4371A | 0.26 | 34.68 | 27.855 | 25.7 | 2,924 | 4400A | 0.87 | 34.73 | 27.858 | 25.4 | 3.015 |
| | | | | | | 4500A | | 34.69 | 27.852 | 26.0 | 3.046 |
| | | | | | | 4600A | 0.21 | 34.68 | 27.857 | 25.5 | 3.073 |
| | | | | | | 46024 | 0.17 | 34.67 | 51.635 | 26.0 | 3.074 |

| | | RV | MELVILL | E | | | | CATO | EXPEDITION | A A T | | | | | |
|-------|---------|--------|----------------|-------|-------|------|---------------|-------|------------|-------------|--------|--------------|--------|-----------|-------|
| | LATITUD | | 1100E 26.2W | MO/D | AY/YR | | ENGER 0024 | TIME | 80110M | WIND 090 | SPEED | WEATHER 1 | DOMIN. | ANT WAVES | |
| | 20 33.0 | 3 33 | 20.24 | 11/1 | 2712 | 2123 | 0024 | GmI | 43346 | 0 70 | 1161 | | 0.9 | | |
| 2 | 7 | S | U2 | P04 | \$103 | NO2 | NO3 | DY | 2 | 1 | S | 02 | 5101 | 10 | no. |
| 0 | 20.63 | 36.225 | 5.24 | 0.06 | 1.0 | 0.00 | 0.0 | 244.4 | 0 | 20.63 | 36.225 | 5.24 | 25.544 | 244.8 | 0.000 |
| 10 | 20.62 | 36,219 | 5.32 | 0.05 | 1.0 | 0.00 | U. 0 | 245.0 | 10 | 20.62 | 36.219 | 5.32 | 25.542 | 245.0 | 0.025 |
| 21 | 20.40 | 36.204 | 5.39 | 0.06 | 1.2 | 0.00 | U.U | 240.4 | 20 | 20.42 | 36.204 | 5.39 | 25.585 | 241.0 | 0.049 |
| 42 | 20.01 | 36,169 | 5.31 | 0.06 | 1.0 | 0.00 | 0.0 | 233.1 | 30 | 20.24 | 36.188 | 5.36 | 25.621 | 237.5 | 0.073 |
| 62 | 19.42 | 36,128 | 5.40 | 0.07 | 0.8 | 0.00 | 0.0 | 221.3 | 50 | 19.76 | 36.148 | 5.34 | 25.719 | 228.2 | 0.120 |
| 94 | 19.41 | 36.174 | 5.28 | 0.08 | 1.0 | 0.00 | 0.0 | 217.8 | 75 | 19.42 | 36.145 | 5.36 | 25.807 | 219.9 | 0.176 |
| 125 | 19.33 | 36,165 | 5.28 | 0.11 | 1.0 | 0.00 | 0.0 | 216.4 | 100 | 19.59 | 36.170 | 5.28 | 25.831 | 217.6 | 0.232 |
| 156 | 18.74 | 36.038 | 5.33 | 0.14 | 1.2 | 0.11 | 0.1 | 211.2 | 125 | 19.55 | 36.165 | 5.28 | 25,843 | 216.4 | 0.287 |
| 208 | 16.37 | 35.701 | 5.11 | 0.46 | 1.7 | 0.01 | 2.4 | 180.8 | 150 | 18.90 | 36.068 | 5.32 | 25.882 | 212.6 | 0.342 |
| 260 | 15.08 | 35,506 | 5.13 | 0.56 | | 0.01 | 4.6 | 167.2 | 200 | 16.76 | 35.749 | 5.15 | 26,165 | 185.9 | 0.445 |
| 312 | 14.23 | 35,414 | 5.10 | | 2.6 | 0.01 | 6.1 | 156.4 | 250 | 15.27 | 35.534 | 5.13 | 26.542 | 169.1 | 0.537 |
| 415 | 13.05 | 35,271 | 5.08 | 0.73 | 3.3 | 0.00 | 9.5 | 143.6 | 300 | 14.40 | 35.430 | 5.11 | 26.452 | 158.6 | 0.623 |
| 569 | 9.39 | 34.758 | 4.84 | 1.35 | | 0.00 | 19.0 | 117.6 | 400 | 13.23 | 35.296 | 5.08 | 26.594 | 145.2 | 0.785 |
| 723 | 6.36 | 34,435 | 5.06 | 1.75 | | 0.00 | 25.5 | 99.0 | 500 | 11.13 | 34.989 | 4.93 | 26.762 | 129.3 | 0.933 |
| 876 | 4.59 | 34.318 | 5.16 | 1.99€ | | 0.00 | 28.68 | | 600 | 8.70 | 34.676 | 4.87 | 26.931 | 113.2 | 1.066 |
| 921A | 4.31 | 34.317 | 5.11 | 2.08 | | 0.01 | 30.0 | 84.6 | 700 | 6.75 | 34.471 | 5.02 | 27,057 | 101.3 | 1.184 |
| 1031 | 3.70 | 34.344 | 4.91 | 2.14E | | 0.00 | 31.26 | | 800 | 5.31 | 34.356 | 5.11 | 27.150 | 92.5 | 1.291 |
| 1076A | 3.61 | 34,363 | 4.77 | 2.19 | 38.0 | | 31.8 | 74.4 | 1000 | 3.84 | 34.334 | 4.98 | 27.295 | 78.8 | 1.481 |
| 1229A | 5.16 | 34.458 | 4.45 | 2.27 | 51.2 | | 32.8 | 63.1 | 1200 | 3.24 | 34.439 | 4.49 | 27.437 | 65.3 | 1.642 |
| 1382A | 3.00 | 34.551 | 4.35 | 2.34 | 55.4 | | 31.9 | 54.7 | 1500 | 2.90 | 34.626 | 4.46 | 27.617 | 48.2 | 1.840 |
| 1536A | 2.87 | 34.646 | 4.51 | 2.08 | 57.7 | | 30.8 | 46.4 | 1750 | 2.61 | 34.747 | 4.84 | 27.722 | 38.3 | 1.975 |
| 1739A | 2.81 | 34.742 | 4.83 | 1.83 | | 0.00 | 28.1 | 38.6 | 2000 | 2.85 | 34.828 | 5.13 | 27.785 | 32.3 | 2.094 |
| 1943A | 2.79 | 34.807 | 5.02 | 1.66 | 49.2 | | 26.2 | 33.5 | 2250 | 2.97 | 34.899 | 5.59 | 27.829 | 28.1 | 2.206 |
| 2197A | 2.98 | 34.893 | 5.53 | 1.47 | 35.9 | | 22.6 | 28.7 | 2500 | 2.95 | 34.918 | 5.77 | 27.849 | 26.2 | 2.315 |
| 2453A | 2.94 | 34.917 | 5.74 | 1.45 | 32.8 | | 21.5 | 26.5 | 2750 | 2.83 | 34.924 | 5.85 | 27.862 | 25.0 | 2.423 |
| 2708A | 2.85 | 34.927 | 5.85 | 1.38 | 32.0 | | 20.8 | 25.0 | 3000 | 2.70 | 34.912 | 5.84 | 27.864 | 24.8 | 2.532 |
| 2964A | 2.72 | 34,913 | 5.84 | 1.44 | | 0.00 | 20.9 | 25.0 | 3250 | 2.52 | 34.902 | 5.86 | 27.873 | 24.0 | 2.640 |
| 3222A | 2.54 | 34.905 | 5.86 | 1.41 | 38.7 | *** | 21.1 | 24.1 | 3500 | 2.20 | 34.873 | 5.81 | 27.876 | 23.7 | 2.745 |
| 3479A | 2.24 | 34.878 | 5.83 | 1.52 | 50.1 | | 22.6 | 23.7 | 3750 | 1.67 | 34.819 | 5.54 | 27.874 | 23.9 | 2.843 |
| 3738A | 1.69 | 34,821 | 5.55 | 1.71 | 72.2 | | 25.6 | 23.9 | 4000 | 1.59 | 34.783 | 5.31 | 27.866 | 24.7 | 2.936 |
| 5999A | 1.39 | 34.783 | 5.31 | 1.84 | 85.4 | | 27.5 | 24.7 | 4250 | 1.16 | 34.761 | 5.40 | 27.864 | 24.8 | 3.025 |
| 4208A | 1.187 | 34.766 | 5.33 | 1.94 | | 0.00 | 28.8 | 24.6 | | | | | | | |
| 4261A | 1.157 | 34.760 | 5.42 | 1.99 | 96.1 | | 29.0 | 24.9 | | | | | | | |
| 4312A | 1.137 | 34.757 | 5.33 | 1.99 | | 0.00 | 28.9 | 25.0 | | | | | | | |
| | | | | | | | | -5.0 | | | | | | | |

| | | RV | MELVILL | .€ | | | | CATO | EXPEDITION | VI | | | | | |
|-------|---------|--------|---------|------|-------|------|-------|-------|------------|-------|--------|---------|--------|-----------|-------|
| | LATITUD | | GITUDE | | AY/YR | | ENGER | TIME | BOTTOM | WIND | SPEED | WEATHER | DONIN | ANT WAVES | |
| | 30 15.2 | 5 38 | 48.5W | 11/1 | 3/72 | 2118 | 0207 | GMT | 4135M | 030 | 14KT | 1 | 04 | 3 6 | |
| Z | T | s | 02 | P04 | \$103 | N02 | NO3 | DT | Z | 1 | s | 0.2 | SIGT | UT | DD |
| 1 | 20.55 U | 36.032 | 5.27 | 0.03 | 1.0 | 0.01 | 0.0 | | 0 | 20.70 | 36.032 | 5.27 | 25.379 | 260.6 | 0.000 |
| 10 | 20.69 | 36.046 | 5.26 | 0.02 | 1.0 | 0.00 | 0.0 | 259.3 | 10 | 20.69 | 36.046 | 5.26 | 25.392 | 259.3 | 0.026 |
| 36 | 20.22 | 36,117 | 5.28 | 0.02 | 1.0 | 0.00 | 0.0 | 242.2 | 20 | 20.51 | 36.044 | 5.27 | 25.440 | 254.7 | 0.052 |
| 63 | 18.39 | 35,940 | 5.44 | 0.06 | 0.8 | 0.00 | 0.0 | 210.0 | 30 | 20.33 | 36.078 | 5.28 | 25.515 | 247.6 | 0.077 |
| 95 | 17.65 | 35,898 | 5.22 | 0.17 | 1.4 | 0.05 | 0.3 | 195.6 | 50 | 19.29 | 36.028 | 5.37 | 25.750 | 225.2 | 0.125 |
| 1134 | 17.27 | 35.835 | 5.26 | 0.14 | 1.5 | 0.00 | 0.4 | 191.4 | 75 | 18.02 | 35.919 | 5.36 | 25,990 | 202.5 | 0.179 |
| 157 | 16.05 | 35,665 | 5.12 | 0.34 | 1.8 | 0.02 | 2.7 | 176.4 | 100 | 17.55 | 35.881 | 5.23 | 26.076 | 194.3 | 0.229 |
| 216A | 15,14 | 35,589 | 5.06 | 0.43 | 2.1 | | 4.5 | 162.4 | 125 | 16.93 | 35.783 | 5.23 | 26.148 | 187.4 | 0.278 |
| 3194 | 14.06 | 35.440 | 5.02 | 0.59 | 2.8 | 0.00 | 7.2 | 151.1 | 150 | 16.24 | 35.688 | 5.15 | 26.238 | 178.9 | 0.325 |
| 422A | 12.79 | 35,239 | 4.93 | 0.81 | 3.9 | | 10.2 | 141.0 | 200 | 15.54 | 35,601 | 5.07 | 26.378 | 165.6 | 0.413 |
| | 10.75 | 34,939 | 4.78 | 0.96 | 6.4 | | 15.3 | 126.4 | 250 | 14.76 | 35.544 | 5.05 | 26.462 | 157.7 | 0.498 |
| 629A | 8.00 | 34.595 | 4.82 | 1.51 | 11.3 | | 21.6 | 108.9 | 300 | 14.24 | 35.470 | 5.03 | 26.517 | 152.5 | 0.579 |
| 732A | 5.89 | 34.376 | 5.32 | 1.71 | 14.7 | | 24.9 | 97.7 | 400 | 13.10 | 35.288 | 4.95 | 26.614 | 143.3 | 0.737 |
| 887A | 4.31 | 34.281 | 5.47 | 1.95 | 22.9 | 0.00 | 28.2 | 87.3 | 500 | 11.51 | 35.018 | 4.81 | 26.751 | 130.3 | 0.885 |
| 990A | 3.67 | 34.288 | 5.27 | 2.05 | 31.2 | | 30.3 | 80.6 | 600 | 8.77 | 34.684 | 4.81 | 26.927 | 113.6 | 1.019 |
| 1247A | 2.95 | 34,445 | 4.57 | 2.26 | 52.8 | | 32.8 | 62.4 | 700 | 6.47 | 34.431 | 5.16 | 27.064 | 100.6 | 1.137 |
| 1451A | 2.82 | 34.564 | 4.42 | 2.16 | | 0.00 | 31.9 | 52.2 | 800 | 5.03 | 34.313 | 5.39 | 27.149 | 92.6 | 1.243 |
| 1644A | | 34.695 | 4.51 | 2.04 | 57.7 | 0.00 | 29.8 | 42.2 | 1000 | 3.62 | 34.293 | 5.24 | 27.284 | 79.8 | 1.432 |
| 16544 | | 34.693 | 4.61 | 2.02 | 57.8 | | 29.7 | 42.2 | 1200 | 3.01 | 34.409 | 4.69 | 27.434 | 65.6 | 1.594 |
| 19518 | | 34.828 | 5.29 | 1.70 | 47.1 | 0.00 | 25.2 | 32.9 | 1500 | 2.82 | 34.613 | 4.44 | 27.614 | 48.6 | 1.791 |
| 2258P | | 34.891 | 5.65 | 1.50 | 37.1 | 0.00 | 22.6 | 28.5 | 1750 | 2.85 | 34.729 | 4.83 | 27.706 | 40.2 | 1.929 |
| 2566B | | 34.919 | 5.83 | 1.40 | 33.7 | | 21.4 | 25.8 | 2000 | 2.91 | 34.841 | 5.37 | 27.789 | 32.0 | 2.050 |
| 2874B | | 34.911 | 5.81 | 1.36 | 35.2 | | 21.0 | 25.3 | 2250 | 2.94 | 34.689 | 5.64 | 27.825 | 28.6 | 2.162 |
| 3284B | | 34.884 | 5.78 | 1.47 | 47.1 | | 22.1 | 23.9 | 2500 | 2.90 | 34.915 | 5.81 | 27.849 | 26.2 | 2.272 |
| 3699B | 1.585 | 34.812 | 5.50 | 1.77 | 77.4 | | 26.2 | 23.A | 2750 | 2.81 | 34.915 | 5.82 | 27.857 | 25.4 | 2.380 |
| 4012B | 1.222 | 34.766 | 5.34 | 1.93 | 94.7 | | 29.0 | 24.9 | 3000 | 2.64 | 34.905 | 5.80 | 27.864 | 24.8 | 2.488 |
| 4116B | 1.100 | 34.752 | 5.30 | 1.99 | 99.4 | | 28.3 | 25.1 | 3250 | 2.36 | 34.887 | 5.78 | 27.873 | 24.0 | 2.594 |
| | | | | | | | | | 3500 | 1.94 | 34.845 | 5.65 | 27.875 | 23.8 | 2.695 |
| | | | | | | | | | 3750 | 1.52 | 34.804 | 5.47 | 27,873 | 24.0 | 2.789 |
| | | | | | | | | | 4000 | 1.23 | 34.768 | 5.35 | 27.864 | 24.8 | 2.878 |

EI NUTRIENT SAMPLES AT 876 AND 1031 METERS APPEAR TO HAVE BEEN REVERSED. THEY ARE ASSUMED TO NOW BE IN THE CORRECT ORDER.

| 20 3° 08 30 20.24 11/12/72 2002 GMT 30 15.25 36 80.54 11/12/72 19 20 20 20 20 20 20 20 2 | | | 12 510 | | | ION VI | CATO EXFE | |) | 11 57 | | |
|--|----------|-------|---------|-------|-------|--------|-----------|-------|---------|-------|-------|-------|
| 0 20.82 36.22 25.54 284.9 0.000 0 20.74 36.04 25.374 201.0 10 20.87 36.21 25.54 284.9 201.0 20.87 36.21 25.54 284.9 201.0 20.87 36.21 25.54 284.9 201.0 20.87 36.21 25.54 284.9 201.0 20.87 36.20 25.56 5 284.9 20.52 36.20 25.54 284.0 20.87 36.20 25.56 26.20 25.56 284.0 20.87 36.20 25.56 284.0 20.87 36.20 25.56 284.0 20.50 25.40 25.20 25.56 284.0 20.87 36.20 25.56 284.0 20.87 36.20 25.56 284.0 20.87 36.20 25.56 284.0 20.87 36.20 25.56 284.0 20.87 36.20 25 | ART TIME | | | | | | | | | | | |
| 10 20.99 36.21 25.94 24.9 0.025 10 20.64 36.04 25.40 25.85 20.0 20.2 26.5 36.06 26.40 36.21 25.54 26.50 30.075 30 20.02 56.06 25.40 25.55 24.0 20.0 20.5 30 20.02 56.06 25.40 25.55 24.0 20.0 20.5 30 20.02 56.06 25.40 25.55 24.0 20.0 20.5 30 20.02 56.06 25.40 25.55 24.0 20.0 20.5 30 20.02 56.06 25.40 25.55 24.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 | DD | 0.7 | SIGMA T | e | 7 | z | DD | rT | SIGNA T | s | 7 | 7 |
| 10 20.99 36.21 25.94 24.9 0.025 10 20.64 36.04 25.40 25.85 20.0 20.2 26.5 36.06 26.40 36.21 25.54 26.50 30.075 30 20.02 56.06 25.40 25.55 24.0 20.0 20.5 30 20.02 56.06 25.40 25.55 24.0 20.0 20.5 30 20.02 56.06 25.40 25.55 24.0 20.0 20.5 30 20.02 56.06 25.40 25.55 24.0 20.0 20.5 30 20.02 56.06 25.40 25.55 24.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 | 0.000 | 261.0 | 25.374 | 36.04 | 20.74 | 0 | 0.000 | 244.9 | 25.543 | 36.22 | 20.62 | 0 |
| 300 20,42 36,21 25,599 240,5 0,073 30 20,20 56,66 27,534 245,69 40 23,35 36,12 25,593 240,6 0,097 40 26,17 3 50 19,82 36,13 25,703 229,7 0,121 50 19,93 36,13 25,699 223,9 60 19,40 36,11 25,763 222,1 0,144 60 16,76 56,62 25,674 213,5 70 19,35 36,13 25,406 214,7 0,166 70 17,76 15,65 25,999 201,4 70 19,36 36,13 25,406 214,7 0,166 70 17,76 15,65 25,999 201,4 70 19,37 36,16 25,406 214,7 0,166 70 17,76 15,65 25,999 201,4 70 19,39 36,16 25,406 214,7 0,166 70 17,76 15,65 25,999 201,4 70 19,39 36,16 25,406 214,7 0,110 80 1,76,1 35,65 25,999 201,4 70 19,39 36,16 25,406 217,1 0,110 80 1,76,1 35,65 26,455 19,4 100 19,19 36,16 25,406 217,1 0,110 80 1,76,1 35,65 26,455 19,4 101 19,19 36,16 25,406 217,1 0,110 80 1,76,1 35,65 26,455 19,4 101 19,19 36,16 25,406 217,1 0,110 80 1,76,1 35,65 26,455 19,4 101 19,19 36,16 25,45 21,16 0,232 100 17,61 35,65 26,456 180,0 70 11,10 19,14 36,11 25,150 21,16 0,343 150 16,35 25,70 26,226 180,0 70 11,14 36,11 25,15 26,45 164,7 0,546 25,40 14,13 35,49 26,45 156,1 0,447 200 14,13 35,49 26,45 154,1 0,62 25,4 14,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1 | 0.026 | | 25.401 | | | | 0.025 | 244.9 | 25.544 | 36.21 | 20.59 | 10 |
| 40 20, 56 56, 20 22, 93 200, 2 0,097 40 26, 13 25, 595 220, 50 50 19, 42 36, 13 25, 703 229, 7 0,114 60 14, 76 36, 61 25, 23, 59 60 19, 40 36, 13 25, 703 222, 1 0,144 60 14, 76 36, 62 25, 69 213, 7 70 19, 36 36, 13 25, 89 211, 7 0,166 76 17, 76 35, 69 25, 69 211, 60 180 17, 61 35, 67 26, 691 196, 19 196, 19 21, 60 19, 19 19, 19 21, 60 19, 19 21, 60 19, 19 21, 60 19, 19 21, 60 19, 19 21, 60 21, 60 19, 19 220, 10 21, 60 21, 60 200 19, 19 36, 18 22, 60 21, 60 200 19, 23 20 19, 23 20, 11, 12 20, 11, 12 20, 11, 12 20, 11, 12 20, 11, 12 20, 11, 12 20, 11, 12 20, 11, 12 20 | 0.051 | | | | | | | | | | | |
| 50 19,82 56,15 25,703 229,7 0,121 50 19,93 56,13 25,659 225,59 60 19,40 36,11 25,763 222,1 0,144 60 14,77 6,55,67 25,874 213,5 70 19,36 36,13 25,408 219,7 0,166 70 17,76 35,65 25,999 201,6 60 19,40 36,18 25,263 217,1 0,106 80 17,61 35,67 26,651 196,7 90 19,40 36,18 25,856 217,1 0,210 90 17,44 35,84 26,065 195,4 107 107 10,35 36,18 25,856 217,1 0,210 90 17,44 35,84 26,065 195,4 110 19,14 36,11 25,850 21,56 0,233 100 17,41 35,84 26,065 195,4 110 19,14 36,11 25,850 21,56 0,233 100 17,41 35,84 26,065 195,4 120 16,70 35,70 26,140 186,5 0,447 2004 18,55 35,50 26,666 166,6 250 15,21 35,51 26,356 169,7 0,840 2004 18,55 35,59 26,566 166,6 250 15,21 35,51 26,356 169,7 0,840 2004 18,55 35,59 26,566 166,6 250 15,21 35,51 26,450 186,5 0,447 2004 18,63 35,50 26,486 158,0 30 14,35 35,51 26,450 1156,7 0,626 5004 14,31 35,49 26,517 152,5 350 13,88 35,39 26,602 144,4 0,787 4004 13,60 35,60 26,60 146,9 400 12,26 35,51 26,60 188,0 0,865 4004 12,15 35,13 26,679 137,1 400 12,27 35,50 26,150 138,0 0,865 4004 12,15 35,13 26,679 157,1 400 12,27 35,60 26,786 133,7 0,956 30 4004 12,16 35,13 26,679 157,1 400 12,27 34,82 27,148 40,787 4004 13,60 47,76 34,89 26,761 129,3 450 17,13 35,51 26,485 122,1 1,060 400 400 41,13 40,14 40, | 0.076 | | | | 20.20 | | | | | | | |
| 60 19.40 36.11 25.765 222.1 0.144 60 14.76 56.02 25.674 215.5 70 19.6 66 19.37 36.16 25.765 229.1 0.166 80 17.61 35.67 26.051 196.7 90 19.40 36.16 25.836 217.1 0.210 90 17.46 35.67 26.051 196.7 90 19.40 36.16 25.836 217.1 0.210 90 17.46 35.67 26.051 196.7 19.59 36.16 25.836 217.1 0.210 90 17.46 35.67 26.051 196.7 19.59 36.16 25.836 217.1 0.210 90 17.45 35.65 26.109 191.2 125 14.73 31 36.17 25.652 215.6 0.207 125 16.73 35.67 26.179 194.6 1161 17.41 31 36.17 25.652 215.6 0.207 125 16.73 35.67 26.179 194.6 1161 17.41 31 36.17 25.652 215.6 0.207 125 16.73 35.67 26.179 194.6 1161 17.41 31 36.17 25.652 215.6 0.207 125 16.73 35.67 26.126 180.6 225 180.0 17.45 180.179 180.6 180.2 180 | 0.101 | | | | 26.17 | | | | | | | |
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| 1400A 2.98 34.55 27.550 54.6 1.785 1400A 2.84 34.53 27.547 54.9 1500A 2.88 34.61 27.607 49.2 1.846 1500A 2.80 34.60 27.606 49.3 1600A 2.88 34.61 27.658 44.3 1.903 1600A 2.87 34.67 27.663 43.9 1700A 2.82 34.73 27.708 39.6 1.956 1700A 2.82 34.72 27.700 40.4 1800A 2.79 34.67 27.731 37.4 190CA 2.79 34.67 27.731 37.4 190CA 2.79 34.67 27.758 34.8 2.054 1900A 2.83 34.76 27.731 37.4 190CA 2.79 34.81 27.778 34.8 2.054 1900A 2.86 34.61 27.768 33.9 2100A 2.79 34.81 27.778 35.5 2.10D 200CA 2.92 34.84 27.787 32.2 2100A 2.98 34.89 27.821 28.9 2.191 2200A 2.94 34.87 27.809 30.1 2200A 2.99 34.89 27.821 28.9 2.191 2200A 2.99 34.86 27.617 29.3 27.8 2200A 2.99 34.90 27.832 27.85 26.7 2.280 2400A 2.99 34.90 27.833 27.8 2200A 2.98 34.92 27.854 26.7 2.280 2400A 2.90 34.92 27.651 26.0 2500A 2.88 34.92 27.854 25.8 2.367 2600A 2.87 34.92 27.651 26.0 2600A 2.88 34.92 27.854 25.8 2.367 2600A 2.87 34.92 27.651 26.0 2700A 2.81 34.92 27.854 25.8 2.367 2600A 2.87 34.92 27.651 26.0 2700A 2.81 34.92 27.856 25.5 2.400 2700A 2.81 34.92 27.651 26.0 2700A 2.81 34.92 27.856 25.5 2.400 2700A 2.81 34.92 27.857 25.5 25.7 2700A 2.81 34.92 27.869 24.5 25.6 2.400 2.70 34.92 27.857 25.5 290CA 2.73 34.92 27.856 25.5 2.497 2900A 2.71 34.92 27.857 25.5 290CA 2.73 34.92 27.856 25.5 2.497 2900A 2.71 34.92 27.857 25.5 290CA 2.73 34.92 27.856 25.5 2.497 2900A 2.71 34.92 27.857 25.5 290CA 2.73 34.92 27.856 24.5 24.97 2900A 2.70 34.90 27.867 24.6 35.00 27.867 24.6 34.90 27.867 24.6 35.00 27.867 24.6 35.00 27.867 24.6 34.90 27.867 24.6 35.00 27.867 24.6 35.00 27.867 24.6 35.00 27.867 24.6 35.00 27.867 24.6 35.00 27.867 24.5 35.00 27.867 24.6 | 1.669 | | | | | | | | | | | |
| 1500A 2.88 34.61 27.607 49.2 1.846 1500A 2.80 34.60 27.606 49.5 1700A 2.84 34.67 27.656 44.5 1.903 1600A 2.87 34.67 27.656 44.5 1.903 1600A 2.87 34.67 27.656 43.9 1700A 2.82 34.73 27.70B 39.6 1.956 1700A 2.82 34.72 27.70D 40.4 1800A 2.80 34.76 27.73H 37.2 2.006 1800A 2.83 34.76 27.73h 37.2 2.006 1800A 2.83 34.76 27.73h 37.2 2.006 1800A 2.83 34.76 27.73h 37.2 2.006 2.79 34.87 27.75h 34.6 2.054 1900A 2.86 34.81 27.766 33.9 200CA 2.79 34.81 27.774 35.5 2.10D 200OA 2.92 34.84 27.787 32.2 2100A 2.84 34.84 27.787 32.2 2100A 2.84 34.84 27.794 31.5 2.146 20.00 2.94 34.87 27.809 30.1 2200A 2.98 34.89 27.821 28.9 2.191 2200A 2.99 34.86 27.817 29.3 200A 2.99 34.90 27.828 28.3 2.236 2300A 2.99 34.90 27.833 27.8 2800A 2.99 34.90 27.828 28.3 2.236 2400A 2.90 34.90 27.833 27.8 2800A 2.98 34.92 27.855 25.5 25.5 25.00A 2.91 34.92 27.855 25.7 2700A 2.86 34.92 27.854 25.8 2.367 2600A 2.87 34.91 27.651 26.0 2.80 2.80 2.80 2.80 2.80 2.80 2.80 2. | 1.735 | | | | | | | 54.6 | 27.550 | 34.55 | 2.98 | |
| 1700A | 1.796 | 49.3 | 27.606 | 34.60 | 2.80 | 1500A | | 49.2 | 27.607 | | 2.88 | 1500A |
| 1800A 2.80 34.76 27.754 37.2 2.006 1800A 2.83 34.76 27.731 37.4 1900A 2.86 34.61 27.768 33.9 2000A 2.79 34.81 27.778 34.8 2.004 2.000A 2.92 34.84 27.787 32.2 2100A 2.84 34.81 27.774 31.5 2.100 200A 2.92 34.84 27.787 32.2 2100A 2.84 34.84 27.787 32.2 2100A 2.89 34.89 27.821 28.9 21.91 200A 2.94 34.86 27.817 29.3 25.00A 2.99 34.90 27.828 28.5 2.236 23.00A 2.99 34.90 27.833 27.8 24.00A 2.98 34.92 27.845 26.7 2.280 24.00A 2.90 34.91 27.841 26.7 2.800 24.00A 2.88 34.92 27.845 26.7 2.280 24.00A 2.91 34.92 27.851 26.0 26.00A 2.88 34.92 27.856 25.6 2.307 26.00A 2.81 34.92 27.856 25.6 2.410 27.00A 2.82 34.91 27.851 26.0 27.00A 2.81 34.92 27.856 25.6 2.410 27.00A 2.82 34.91 27.851 26.0 27.00A 2.81 34.92 27.860 25.2 2.454 28.00A 2.71 34.92 27.851 26.0 27.00A 2.81 34.92 27.856 25.6 2.450 27.00A 2.82 34.91 27.851 26.0 27.00A 2.87 34.92 27.856 25.6 2.450 27.00A 2.82 34.91 27.851 26.0 27.00A 2.87 34.92 27.860 25.2 2.454 28.00A 2.76 34.91 27.851 26.0 27.00A 2.87 34.92 27.860 25.2 2.454 28.00A 2.76 34.91 27.851 26.0 27.00A 2.87 34.92 27.860 25.2 2.454 28.00A 2.76 34.91 27.857 25.5 27.00A 2.75 34.92 27.866 24.7 24.5 24.97 29.00A 2.71 34.92 27.867 24.6 35.00A 2.70 34.92 27.870 24.3 2.583 31.00A 2.65 54.91 27.867 24.6 35.00A 2.70 34.90 27.866 24.7 24.6 35.00A 2.77 34.90 27.867 24.6 35.00A 2.75 34.90 27.866 24.7 2.583 31.00A 2.56 54.90 27.867 24.6 35.00A 2.77 34.90 27.867 24.6 35.00A 2.77 34.90 27.867 24.6 35.00A 2.77 34.90 27.868 24.7 2.583 30.00A 2.70 34.80 27.867 24.6 35.00A 2.77 34.90 27.868 24.7 2.583 30.00A 2.70 34.80 27.867 24.6 35.00A 2.70 34.80 27.868 24.7 2.583 30.00A 2.70 34.80 27.868 24.7 2.583 30.00A 2.70 34.80 27.868 24.7 2.583 30.00A 2.70 34.80 27.868 24.7 2.883 3 | 1.853 | | | | 2.79 | | | 44.3 | | | | |
| 1900A 2.79 \$4.81 27.758 \$4.6 2.054 1900A 2.86 \$4.81 27.768 \$3.9 2000A 2.79 \$4.81 27.778 \$5.5 2.10D 200A 2.92 \$4.84 27.787 \$32.2 210AA 2.84 \$4.84 27.794 \$1.5 2.146 2100A 2.94 \$4.87 27.809 \$30.1 2200A 2.98 \$4.84 27.794 \$1.5 2.146 2100A 2.94 \$4.87 27.809 \$30.1 2200A 2.98 \$4.84 27.782 \$2.191 2200A 2.94 \$4.87 27.809 \$30.1 2200A 2.99 \$4.84 27.782 \$2.191 2200A 2.94 \$4.87 27.809 \$27.83 \$27.8 28.00 \$2.90 \$2.90 \$4.90 \$2.90 \$4.90 \$27.83 \$27.8 28.00 \$2.90 \$4.90 \$2.90 \$4.90 \$27.83 \$27.8 26.7 \$2.280 \$2.400 \$2.90 \$4.90 \$27.83 \$27.8 26.7 \$2.280 \$2.400 \$2.90 \$4.91 \$27.84 \$26.7 \$2.280 \$2.400 \$2.90 \$4.91 \$27.85 \$25.7 \$2.000 \$2.96 \$4.91 \$27.85 \$25.7 \$2.000 \$2.96 \$4.91 \$27.85 \$25.7 \$2.000 \$2.86 \$34.92 \$27.85 \$25.6 \$2.400 \$2.87 \$34.92 \$27.85 \$25.7 \$2.000 \$2.86 \$34.92 \$27.85 \$25.6 \$2.400 \$2.87 \$34.92 \$27.85 \$25.7 \$2.000 \$2.86 \$34.92 \$27.85 \$25.6 \$2.400 \$2.87 \$34.92 \$27.85 \$25.5 \$2.000 \$2.76 \$34.91 \$27.85 \$25.5 \$2.000 \$2.76 \$34.91 \$27.85 \$25.5 \$2.000 \$2.76 \$34.91 \$27.85 \$25.5 \$2.000 \$2.76 \$34.92 \$27.85 \$25.6 \$2.400 \$2.80 \$2.76 \$34.91 \$27.85 \$25.5 \$2.000 \$2.76 \$34.92 \$27.85 \$25.5 \$2.400 \$2.000 \$2.76 \$34.92 \$27.85 \$25.5 \$2.400 \$2.000 \$2.76 \$34.91 \$27.85 \$25.5 \$2.000 \$2.76 \$34.92 \$27.85 \$25.5 \$2.497 \$2.000 \$2.76 \$34.92 \$27.85 \$24.90 \$27.85 \$ | 1.906 | | | | | | | 39.6 | | | | |
| 2000A 2.79 34.81 27.774 35.5 2.106 2000A 2.92 34.84 27.787 32.2 2100A 2.84 34.84 27.787 32.2 2100A 2.84 34.84 27.787 35.5 2.146 2100A 2.94 34.86 7 27.809 30.1 27.804 2.98 34.89 27.821 28.9 2.191 200A 2.94 34.86 27.817 29.3 28.00 2.99 34.90 27.821 28.9 2.191 200A 2.99 34.80 27.817 29.3 27.8 27.8 28.0 2.90 2.94 34.90 27.8 27.8 27.8 27.8 27.8 27.8 27.8 27.8 | 1.956 | | | | | | | 37.2 | | | | |
| 2100A 2.84 34.84 27.794 31.5 2.146 2100A 2.94 34.87 27.809 30.1 2200A 2.99 34.80 27.817 29.3 2500A 2.99 34.90 27.828 28.5 2.236 2300A 2.99 34.90 27.833 27.8 24.00A 2.98 34.90 27.828 28.5 2.236 2300A 2.99 34.90 27.833 27.8 26.00 2.90 34.90 27.833 27.8 26.00 2.90 34.90 27.833 27.8 26.00 2.90 34.90 27.855 26.0 2.90 2.90 2.90 27.855 26.0 2.90 2.90 2.90 27.855 26.0 2.90 2.90 2.90 27.855 25.7 27.00A 2.86 34.92 27.856 25.6 2.410 27.00A 2.82 34.91 27.855 26.0 27.00A 2.82 34.91 27.855 26.0 27.00A 2.82 34.91 27.855 25.5 2.454 2.00 27.00A 2.82 34.91 27.857 25.5 2.900A 2.75 34.92 27.856 25.6 2.454 28.00A 2.76 34.91 27.857 25.5 2.900A 2.75 34.92 27.850 27.850 24.3 3.000A 2.55 34.91 27.857 25.5 2.454 28.00A 2.76 34.91 27.857 25.5 2.454 28.00A 2.76 34.91 27.857 25.5 2.454 28.00A 2.76 34.91 27.857 24.3 25.00A 2.75 34.92 27.870 24.3 2.583 31.00A 2.55 34.91 27.867 24.6 24.7 34.90 27.867 24.6 32.00A 2.57 34.90 27.866 24.7 24.66 32.00A 2.57 34.90 27.866 24.7 24.6 32.00A 2.57 34.90 27.866 24.7 24.266 33.00A 2.56 34.88 27.666 24.5 34.00A 2.57 34.90 27.866 24.5 34.00A 2.57 34.90 27.866 24.5 34.00A 2.57 34.90 27.866 24.5 34.00A 2.57 34.90 27.868 23.1 2.711 34.00A 2.59 34.88 27.868 27.883 23.1 2.711 34 | 2.050 | | | | | | | 34.0 | | | | |
| 27004 2.98 34.89 27.821 28.9 2.191 2200A 2.94 34.86 27.817 29.3 2500A 2.99 34.90 27.828 28.3 2.286 2500A 2.94 34.90 27.823 27.8 26.7 2.280 2400A 2.50 34.91 27.8 26.7 2.280 2400A 2.50 34.91 27.8 26.7 2.280 2400A 2.50 34.91 27.8 27.8 25.0 2.9 27.8 27.8 25.0 2.9 27.8 27.8 27.8 27.8 27.8 27.8 27.8 27.8 | 2.095 | | | | | | | 31.5 | | 34.84 | | |
| 2500A 2.99 34.90 27.828 28.5 2.236 2300A 2.94 34.90 27.833 27.8 2400A 2.98 34.92 27.845 26.7 2.280 2400A 2.50 34.91 27.681 26.7 26.00 2400A 2.50 34.91 27.681 26.0 26.00 2.86 34.92 27.855 25.6 2.367 2600A 2.87 34.92 27.855 25.7 2700A 2.82 34.91 27.855 25.7 2700A 2.81 34.92 27.860 25.2 2.454 2800A 2.76 34.91 27.851 26.0 27.00A 2.87 34.92 27.860 25.2 2.454 2800A 2.76 34.91 27.857 25.5 2.454 2800A 2.76 34.91 27.857 25.5 2.454 2800A 2.76 34.91 27.867 24.3 3000A 2.76 34.92 27.867 24.3 27.860 24.3 3000A 2.76 34.92 27.870 24.3 25.540 3000A 2.65 54.91 27.867 24.6 31.00A 2.66 34.91 27.867 24.6 32.00A 2.57 34.92 27.870 24.3 25.86 31.00A 2.66 54.91 27.867 24.6 32.00A 2.57 34.90 27.867 24.6 32.00A 2.57 34.90 27.867 24.6 32.00A 2.57 34.90 27.866 24.7 25.66 32.00A 2.47 34.90 27.867 24.6 32.00A 2.57 34.90 27.868 24.5 34.00A 2.57 34.90 27.868 24.7 25.66 32.00A 2.47 34.90 27.874 23.9 35.00A 2.48 34.91 27.861 23.2 2.669 33.00A 2.36 34.88 27.668 24.5 34.00A 2.57 34.80 27.874 23.9 35.00A 2.19 34.86 27.883 23.1 2.711 34.00A 2.19 34.86 27.883 23.1 2.711 34.00A 2.19 34.86 27.883 23.1 2.752 35.00A 2.19 34.86 27.883 23.1 2.752 23.853 35.00A 2.19 34.86 27.885 23.1 2.752 35.00A 2.19 34.86 27.885 23.1 2.756 24.8 27.866 24.8 27.866 24.8 27.866 24.8 27. | 2.140 | | | | | | | | | | | |
| 2400A 2.98 34.92 27.845 26.7 2.280 24.00A 2.50 34.91 27.844 26.7 25.00A 2.86 34.92 27.855 25.7 26.00 2.88 34.92 27.854 25.8 2.367 26.00A 2.87 34.92 27.855 25.7 27.00A 2.86 34.92 27.856 25.6 2.410 27.00A 2.82 34.91 27.857 25.5 26.0 24.00A 2.87 34.92 27.855 25.7 27.00A 2.81 34.92 27.860 25.2 2.454 28.00A 2.76 34.91 27.857 25.5 29.00A 2.73 34.92 27.868 24.5 2.497 29.00A 2.76 34.91 27.867 24.5 31.00A 2.70 34.92 27.870 24.3 2.580 31.00A 2.65 34.91 27.867 24.6 31.00A 2.65 34.91 27.867 24.6 31.00A 2.65 34.91 27.867 24.6 32.00A 2.70 34.92 27.870 24.3 26.26 32.00A 2.47 34.90 27.867 24.6 32.00A 2.57 34.90 27.866 24.7 2.626 32.00A 2.47 34.90 27.867 24.6 32.00A 2.57 34.90 27.867 24.6 32.00A 2.57 34.90 27.866 24.7 2.626 32.00A 2.47 34.90 27.867 24.6 32.00A 2.48 34.91 27.869 27.869 24.7 2.626 32.00A 2.47 34.90 27.866 24.5 34.00A 2.37 34.90 27.866 24.5 34.00A 2.37 34.90 27.868 23.1 2.711 34.00A 2.19 34.86 27.868 24.5 34.00A 2.37 34.90 27.868 23.1 2.711 34.00A 2.19 34.86 27.868 24.5 34.00A 2.19 34.87 27.874 23.9 35.00A 2.19 34.87 27.874 23.9 35.00A 2.19 34.87 27.878 23.6 37.00A 2.88 34.88 27.866 24.8 37.00A 2.19 34.83 27.878 23.6 37.00A 2.02 34.85 27.875 24.1 2.793 36.00A 1.74 34.83 27.878 23.6 37.00A 1.80 34.83 27.875 24.0 2.833 37.00A 1.62 34.81 27.865 24.8 | 2.184 | | | | | | | | 27.828 | 34.90 | | 2300A |
| 2600A 2.88 34.92 27.85 25.8 2.367 2600A 2.87 34.92 27.85 25.7 2700A 2.86 34.92 27.86 25.6 2.410 2700A 2.82 34.91 27.85 25.7 2400A 2.73 34.92 27.860 25.2 2.454 2800A 2.71 34.92 27.869 24.5 2400A 2.73 34.92 27.870 24.5 2.497 2900A 2.71 34.92 27.867 24.5 3500A 2.70 34.92 27.870 24.5 2.540 300A 2.65 54.90 27.867 24.6 320CA 2.57 34.90 27.866 24.7 2.583 3100A 2.56 54.90 27.867 24.6 320CA 2.57 34.90 27.866 24.7 2.626 3200A 2.47 34.90 27.867 24.6 3400A 2.36 34.91 27.881 25.2 2.669 3500A 2.36 34.88 27.666 24.5 3400A 2.37 34.90 27.883 23.1 2.711 3400A 2.19 34.69 27.883 23.1 3500A 2.19 <td< td=""><td>2.228</td><td>26.7</td><td>27.844</td><td></td><td>2.50</td><td></td><td></td><td></td><td></td><td>34.92</td><td></td><td></td></td<> | 2.228 | 26.7 | 27.844 | | 2.50 | | | | | 34.92 | | |
| 2700A 2.86 34.92 27.856 25.6 2.410 2700A 2.82 34.91 27.851 26.0 2800A 2.81 34.92 27.860 25.2 2.454 2800A 2.76 34.91 27.857 25.5 25.0 290CA 2.73 34.92 27.868 24.5 2.497 2900A 2.71 34.92 27.869 24.3 3000A 2.70 34.92 27.870 24.3 2.540 3000A 2.65 54.91 27.867 24.6 3100A 2.64 34.92 27.875 23.7 2.583 3100A 2.56 54.90 27.867 24.6 3100A 2.57 34.90 27.866 24.7 2.626 3100A 2.56 54.90 27.867 24.6 3200A 2.57 34.90 27.866 24.7 2.626 3200A 2.47 34.90 27.874 23.9 3300A 2.48 34.91 27.867 24.6 34.00 2.49 34.69 27.874 23.9 3300A 2.48 34.91 27.881 23.2 2.669 3300A 2.47 34.90 27.874 23.9 3300A 2.48 34.91 27.881 23.2 2.669 3300A 2.36 34.88 27.868 24.5 34.00 27.867 24.1 27.874 25.9 3500A 2.19 34.86 27.883 23.1 2.711 3400A 2.19 34.86 27.883 23.1 2.711 3400A 2.19 34.86 27.883 23.1 3.00A 2.26 34.86 27.883 23.1 3.00A 2.26 34.86 27.883 23.1 3.00A 3. | 2.271 | 26.0 | | | | | | | | | | |
| 2000A 2.81 54.92 27.860 25.2 2.454 2800A 2.76 34.91 27.857 25.5 2900A 2.73 34.92 27.868 24.5 2.497 2900A 2.71 34.92 27.869 24.3 3000A 2.73 34.92 27.870 24.3 2.590 3000A 2.65 54.91 27.867 24.6 3100A 2.66 54.91 27.867 24.6 3100A 2.66 54.91 27.867 24.6 3100A 2.65 34.92 27.870 27.870 27.867 24.6 3100A 2.56 54.91 27.867 24.6 3200A 2.57 34.90 27.866 24.7 2.526 3200A 2.47 34.90 27.864 24.5 3200A 2.37 34.90 27.881 23.2 2.669 3300A 2.36 34.88 27.868 24.5 34.00A 2.37 34.90 27.882 23.1 2.711 3400A 2.19 34.69 27.892 22.4 35.00A 2.29 34.67 27.874 23.9 27.874 23.9 27.874 23.9 27.876 22.4 35.00A 2.02 34.65 27.872 24.1 2.793 3600A 1.74 34.83 27.878 23.1 3500A 2.02 34.85 27.875 24.0 2.833 3700A 1.60 34.83 27.878 23.6 24.2 3700A 1.80 34.83 27.869 24.4 2.833 3700A 1.60 34.81 27.869 24.8 | 2.314 | 25.7 | | | | | | | 27.854 | | | |
| 2906A 2.75 34.92 27.868 24.5 2.497 2900A 2.71 34.92 27.869 24.3 3000A 2.70 34.92 27.870 24.3 2.540 3000A 2.65 54.91 27.867 24.6 3100A 2.65 54.91 27.867 24.6 3100A 2.65 54.91 27.867 24.6 3200A 2.57 34.92 27.875 23.7 2.583 3100A 2.56 54.90 27.867 24.6 3200A 2.57 34.90 27.868 24.7 2.626 3200A 2.47 34.90 27.866 24.5 3400A 2.37 34.90 27.868 23.1 2.711 3400A 2.19 34.89 27.868 24.5 3400A 2.37 34.90 27.868 23.1 2.711 3400A 2.19 34.89 27.878 23.1 2.711 3400A 2.19 34.86 27.868 23.1 2.711 3400A 2.19 34.86 27.868 23.1 2.711 3400A 2.19 34.86 27.878 23.1 3500A 2.19 34.86 27.878 23.1 3500A 2.19 34.86 27.868 23.1 2.711 3400A 2.19 34.86 27.878 23.1 3500A 2.19 34.86 27.868 24.2 24.1 2.793 3600A 1.98 34.86 27.878 23.1 3700A 1.80 34.83 27.878 24.1 2.783 3600A 1.62 34.81 27.869 24.2 2833 3700A 1.62 34.81 27.866 24.8 | 2.357 | 26.0 | | | | | | 25.6 | 27.850 | | | |
| 3000A 2.70 34.92 27.870 24.8 2.540 3000A 2.65 54.91 27.867 24.6 3100A 2.64 34.92 27.877 23.7 2.583 3100A 2.56 54.90 27.867 24.6 3200A 2.57 34.90 27.866 24.7 2.626 3200A 2.47 34.90 27.867 24.6 3200A 2.47 34.90 27.868 24.5 3300A 2.48 34.91 27.881 23.2 2.669 3300A 2.36 34.88 27.668 24.5 3400A 2.37 34.90 27.883 23.1 2.711 3400A 2.19 34.69 27.890 22.4 3500A 2.19 34.67 27.874 23.9 2.752 3500A 1.96 34.86 27.883 23.1 3500A 2.02 34.65 27.872 24.1 2.793 3600A 1.74 34.83 27.876 23.6 3500A 1.80 34.83 27.875 24.0 2.833 3700A 1.62 34.61 27.870 24.2 3800A 1.60 34.81 27.869 24.4 2.871 3800A 1.48 34.79 27.865 24.8 | 2.444 | 20.0 | | | | | 2.497 | 24.5 | | | 2.73 | |
| \$100A 2.64 34.92 27.875 23.7 2.583 3100A 2.56 54.90 27.867 24.6 3200A 2.57 34.90 27.866 24.7 2.666 3200A 2.47 34.90 27.867 24.6 3300A 2.57 34.90 27.868 24.7 2.669 3300A 2.37 34.90 27.868 24.5 34.00A 2.57 34.90 27.883 23.1 2.711 3400A 2.19 34.69 27.869 22.4 3500A 2.19 34.67 27.874 23.9 27.52 3500A 1.96 34.86 27.883 23.1 3.700A 2.02 34.65 27.872 24.1 2.793 3600A 1.74 34.83 27.878 23.6 3700A 1.80 34.83 27.875 24.0 2.833 3700A 1.62 34.61 27.870 24.2 3800A 1.74 34.83 27.875 24.2 3800A 1.74 34.83 27.875 24.2 3.6 3700A 1.62 34.61 27.869 24.4 2.833 3700A 1.48 34.79 27.865 24.8 | 2.487 | 24.5 | | | | | 2.540 | | | 34.92 | 2.70 | |
| 3200A 2.57 34.90 27.866 24.7 2.626 3200A 2.47 34.90 27.874 23.9 3300A 2.48 54.91 27.881 23.2 2.669 3300A 2.36 34.88 27.668 24.5 34.00 2.37 34.90 27.883 23.1 2.711 3400A 2.19 34.67 27.874 23.9 2.711 3400A 2.19 34.67 27.874 23.9 2.752 3500A 1.98 34.86 27.883 23.1 3600A 2.02 34.65 27.872 24.1 2.793 3600A 1.74 34.83 27.678 23.6 3700A 1.80 34.83 27.875 24.0 2.835 3700A 1.62 34.81 27.870 24.2 3800A 1.98 34.91 27.869 24.4 2.871 3800A 1.48 34.79 27.865 24.8 | 2.530 | 24.6 | | | | | 2,583 | | | 34.92 | | |
| 3300A 2.48 54.91 27.881 23.2 2.669 3300A 2.36 34.88 27.868 24.5 3400A 2.37 34.90 27.883 23.1 2.711 3400A 2.19 34.86 27.883 23.1 3500A 2.19 34.86 27.874 23.9 2.752 3500A 1.96 54.86 27.883 23.1 3500A 2.02 34.85 27.872 24.1 2.793 3600A 1.74 34.83 27.876 23.6 3700A 1.80 34.83 27.875 24.0 2.833 3700A 1.62 34.81 27.867 24.2 3800A 1.64 34.81 27.866 24.4 2.871 3800A 1.48 34.79 27.865 24.8 | 2.572 | 23.9 | 27.874 | | | 3200A | 2.626 | 24.7 | | | | 320CA |
| 3500A 2.19 34,87 27,874 23.9 2,752 3500A 1.96 34,86 27,883 23.1 3600A 2.02 34.65 27,872 24.1 2,793 3600A 1.74 34,83 27,876 23.6 3700A 1.80 34.81 27,875 24.0 2,835 3700A 1.62 54,81 27,870 24.2 3800A 1.64 34.81 27,869 24.4 2,871 3800A 1.48 34.79 27,865 24.8 | 2.614 | 24.5 | | | | | | 23.2 | | 54.91 | | |
| 3500A 2.02 34.65 27.872 24.1 2.793 3600A 1.74 34.83 27.876 23.6 3700A 1.80 34.83 27.875 24.0 2.833 3700A 1.62 34.21 27.865 24.2 3800A 1.64 34.81 27.865 24.4 2.871 3800A 1.48 34.79 27.865 24.8 | 2.655 | | | | | | | 23.1 | | | | |
| 3700A 1.80 34.83 27.875 24.0 2.833 3700A 1.62 34.81 27.870 24.2 3800A 1.64 34.81 27.869 24.4 2.871 3800A 1.48 34.79 27.865 24.8 | 2.694 | 23.1 | | | | | | | | | | |
| 3800A 1.64 34.81 27.869 24.4 2.871 3800A 1.48 34.79 27.865 24.8 | 2.733 | 25.6 | | | | | | 24.1 | | | | |
| | 2.770 | | | | | | | | | | | |
| | 2.843 | 24.4 | 27.868 | 34.78 | 1.32 | 3900A | 2.909 | 24.9 | 27.863 | 34.79 | 1.50 | 390CA |
| 4000A 1.40 34.79 27.870 24.2 2.946 4000A 1.22 34.76 27.859 25.3 | 2.879 | 25.3 | | | | | | | | | 1.40 | |
| 41004 1.29 34.77 27.662 25.0 2.982 4100A 1.08 34.75 27.861 25.2 | 2.914 | 25.2 | | | | | 2.982 | 25.0 | 27.862 | 34.77 | 1,29 | 41004 |
| 42004 1.20 34.77 27.869 24.4 3.017 41424 1.05 34.74 27.856 25.6 | 2.928 | 25.6 | | | | 41424 | | 24.4 | | | 1.20 | |
| 4300A 1.14 34.77 27.875 24.0 3.052 | | | | | | | | 24.0 | | | | |
| 4360A 1.03 34.75 27.864 24.9 3.072 | | | | | | | 3.072 | 24.9 | 27.864 | 34.75 | 1.03 | 4360A |

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| 0 20.60 36.206 5.23 0.02 1.5 0.01 0.0 245.4 0 20.60 36.206 5.23 25.536 36A 20.28 36.236 5.21 0.10 0.7 0.00 0.0 235.1 10 20.56 36.224 5.22 25.564 5.5 19.97 36.212 5.29 0.02 1.0 0.00 0.0 229.0 20 20.48 36.235 5.22 25.594 94 18.41 35.980 5.31 0.08 1.2 0.01 0.0 207.5 30 20.47 36.27 5.21 25.662 112A 17.86 35.902 0.19 1.2 0.04 0.1 200.2 50 20.04 36.217 5.28 25.699 126 17.64 35.893 5.46 0.10 1.3 0.02 0.0 195.7 75 19.18 36.095 5.30 25.699 137 17.12 35.831 5.20 0.19 1.0 0.09 1.0 188.2 100 18.21 35.948 5.35 25.954 188A 16.34 35.739 5.15 0.29 1.3 0.04 2.0 177.4 125 17.65 35.692 5.46 26.058 299A 14.55 35.526 4.99 0.49 2.0 0.01 5.8 156.8 150 17.25 35.848 5.27 26.122 440A 12.88 35.255 4.94 0.80 3.7 0.01 10.2 141.5 200 16.09 35.708 5.13 26.286 591A 9.58 34.780 4.78 1.29 8.0 0.00 18.5 118.9 250 15.20 35.599 5.05 26.407 395A 4.47 34.282 5.45 1.93 21.1 28.0 88.9 300 14.55 35.510 4.98 26.485 1298A 2.96 34.435 4.56 2.26 51.8 52.9 63.1 400 15.38 35.338 4.95 26.596 1200 2.81 34.55 7.56 2.81 59.3 32.1 51.8 59.3 32.1 51.8 500 11.63 35.338 4.95 26.596 1200 2.81 34.567 4.34 2.18 59.3 32.1 51.8 500 11.63 35.338 4.95 26.596 2.81 500 2.81 34.567 4.34 2.18 59.3 32.1 51.8 500 11.63 35.338 4.95 26.596 2.81 500 2.81 34.567 4.34 2.18 59.3 32.1 51.8 500 11.63 35.338 4.95 26.596 | |
| 36A 20.28 | 01 00 |
| 51 19.97 36.212 5.29 0.02 1.0 0.00 U.0 229.0 20 20.48 36.235 5.22 25.594 18.41 35.980 5.31 0.08 1.2 0.01 0.0 207.5 30 20.47 36.237 5.21 25.626 112A 17.86 35.902 0.19 1.2 0.04 0.1 200.2 50 20.49 36.217 5.28 25.696 157 17.12 35.831 5.20 0.19 1.0 0.09 1.0 189.7 75 19.18 36.095 5.30 25.830 157 17.12 35.831 5.20 0.19 1.0 0.09 1.0 188.2 100 18.21 35.948 5.35 25.948 188A 16.34 35.739 5.15 0.29 1.3 0.04 2.0 177.4 125 17.65 35.692 5.46 26.058 289A 14.65 35.526 4.99 0.49 2.0 0.01 5.8 156.8 150 17.25 35.692 5.46 26.058 289A 14.65 35.526 4.99 0.49 2.0 0.01 5.8 156.8 150 17.25 35.694 5.7 26.122 440A 12.88 35.255 4.99 0.80 3.7 0.01 10.2 141.5 200 16.09 35.708 5.13 26.288 551A 9.58 34.780 4.78 1.29 8.0 0.00 18.5 118.9 250 15.20 35.599 5.05 26.407 389BA 4.77 34.282 5.45 1.93 21.1 28.0 88.9 300 14.55 35.510 4.98 26.485 1298A 2.96 34.435 4.56 2.26 51.8 52.9 63.1 400 15.38 35.338 4.95 26.596 1500A 2.81 34.567 4.34 2.18 59.3 32.15 1.8 59.3 32 | 245.4 0.000 |
| 94 18.41 35.980 5.31 0.08 1.2 0.01 0.0 207.5 50 20.47 36.237 5.21 25.626 112A 17.86 35.902 0.19 1.2 0.04 0.1 200.2 50 20.04 36.217 5.28 25.695 126 17.64 35.893 5.46 0.10 1.3 0.02 0.0 195.7 75 19.18 36.095 5.30 25.893 157 17.12 35.831 5.20 0.19 1.0 0.09 1.0 188.2 100 18.21 35.948 5.35 25.964 188A 16.34 35.739 5.15 0.29 1.3 0.04 2.0 177.4 125 17.65 35.692 5.46 26.058 289A 14.65 35.526 4.99 0.49 2.0 0.01 5.8 156. 150 17.25 35.64A 5.27 26.122 440A 12.88 35.255 4.94 0.80 3.7 0.01 10.2 141.5 200 16.09 35.708 5.13 26.288 591A 9.58 34.780 4.78 1.29 8.0 0.00 18.5 118.9 250 15.20 35.599 5.05 26.407 895A 4.47 34.282 5.45 1.93 21.1 28.0 88.9 300 14.55 35.510 4.98 26.485 1208A 2.96 34.435 4.56 2.26 51.8 52.9 63.1 40.0 15.38 35.338 4.95 26.596 1500A 2.81 34.557 4.34 2.18 59.3 32.1 51.8 500 11.63 35.362 4.86 26.726 | 242.9 0.024 |
| 112A 17.86 35.902 0.19 1.2 0.04 0.1 200.2 50 20.04 36.217 5.28 25.699 126 17.64 35.893 5.46 0.10 1.3 0.02 0.0 195.7 75 19.18 36.095 5.30 25.830 157 17.12 35.831 5.20 0.19 1.0 0.09 1.0 188.2 100 18.21 35.948 5.35 25.948 1884 16.34 35.739 5.15 0.29 1.3 0.04 2.0 177.4 125 17.65 35.692 5.46 26.058 2894 14.55 35.526 4.99 0.49 2.0 0.01 5.8 156.8 150 17.25 35.844 5.27 26.122 4404 12.88 35.255 4.94 0.80 3.7 0.01 10.2 141.5 200 16.09 35.708 5.13 26.288 5914 9.58 34.780 4.78 1.29 8.0 0.00 18.5 118.9 250 15.20 35.599 5.05 26.407 3854 4.47 34.282 5.45 1.93 21.1 28.0 88.9 300 14.55 35.510 4.98 26.485 12984 2.96 34.435 4.56 2.26 51.8 52.9 63.1 400 15.38 35.338 4.95 26.596 15000 2.81 34.567 4.34 2.18 59.3 32.1 51.8 500 11.65 35.062 4.86 26.726 | 240.1 0.049 |
| 126 17.64 35.893 5.46 0.10 1.3 0.02 0.0 195.7 75 19.18 36.095 5.30 25.830 157 17.12 35.831 5.20 0.19 1.0 0.09 1.0 188.2 100 18.21 35.948 5.35 25.964 188.1 6.34 35.739 5.15 0.29 1.3 0.04 2.0 17.4 125 17.65 35.692 5.46 26.088 289A 14.65 35.255 4.99 0.49 2.0 0.01 5.8 156.8 150 17.25 35.84A 5.27 26.122 440A 12.88 35.255 4.94 0.80 3.7 0.01 10.2 141.5 200 16.09 35.599 5.05 26.286 591A 9.58 34.780 4.78 1.29 8.0 0.0 18.5 118.9 250 15.20 35.599 5.05 26.405 895A 4.97 34.282 5.45 1.93 21.1 28.0 88.9 300 14.55 35.510 4.96 26.485 1298a 2.96 38.435 4.56 2.26 51.8 52.9 63.1 | 237.0 0.073 |
| 126 17.64 35.893 5.46 0.10 1.3 0.02 0.0 195.7 75 19.18 36.095 5.50 25.830 157 17.12 35.831 5.20 0.19 1.0 0.09 1.0 188.2 100 18.21 35.948 5.35 25.964 188.4 16.34 35.739 5.15 0.29 1.3 0.04 2.0 177.4 125 17.65 35.692 5.46 26.058 289A 14.65 35.526 4.99 0.49 2.0 0.01 5.8 156.8 150 17.25 35.84A 5.27 26.122 440A 12.88 35.255 4.94 0.80 3.7 0.01 10.2 141.5 200 16.09 35.708 5.13 26.288 29.5 4.97 0.48 21.1 28.0 88.9 300 14.55 35.599 5.05 26.407 895A 4.47 34.282 5.45 1.93 21.1 28.0 88.9 300 14.53 35.358 4.95 26.485 1298A 2.96 33.435 4.56 2.26 51.8 52.9 63.1 400 15.38 35.358 4.95 26.596 15000 2.81 34.567 4.34 2.18 59.3 32.1 51.8 500 11.63 35.362 4.86 26.726 | 230.1 0.120 |
| 188a 16.34 35.739 5.15 0.29 1.3 0.04 2.0 177.4 125 17.65 35.692 5.46 26.058 2894 14.65 35.526 4.99 0.49 2.0 0.01 5.8 156.8 150 17.25 35.648 5.27 26.122 440A 12.88 35.255 4.94 0.80 3.7 0.01 10.2 141.5 200 16.09 35.708 5.13 26.288 591A 9.58 34.780 4.78 1.29 8.0 0.00 18.5 118.9 250 15.20 35.599 5.05 26.407 899A 4.97 34.282 5.45 1.93 21.1 28.0 88.9 300 14.55 35.510 4.96 26.485 1298A 2.96 34.435 4.56 2.26 51.8 52.9 63.1 400 13.38 35.338 4.95 26.495 1500A 2.81 34.567 4.34 2.18 59.3 32.1 51.8 500 11.63 35.362 4.86 26.726 | 217.6 0.176 |
| 289A 14.65 35.526 4.99 0.49 2.0 0.01 5.8 156.8 150 17.25 35.84A 5.27 26.122 440A 12.88 35.255 4.94 0.80 3.7 0.01 10.2 141.5 200 16.99 35.708 5.13 26.288 591A 9.58 34.780 4.78 1.29 8.0 0.00 18.5 118.9 250 15.20 35.599 5.05 26.407 895A 4.97 34.282 5.45 1.93 21.1 28.0 88.9 300 14.53 35.510 4.98 26.485 1289A 2.96 34.455 4.56 2.26 51.8 52.9 63.1 400 15.38 35.338 4.95 26.596 1500A 2.81 34.557 4.34 2.18 59.3 32.1 51.8 500 11.63 35.362 4.86 26.726 | 204.9 0.230 |
| 440A 12.88 35.255 4.94 0.80 3.7 0.01 10.2 141.5 200 16.09 35.708 5.13 26.288 551A 9.58 34.780 4.78 1.29 8.0 0.00 18.5 118.9 250 15.20 35.599 5.05 26.407 895A 4.47 34.282 5.45 1.93 21.1 28.0 88.9 300 14.55 35.510 4.98 26.485 1298A 2.96 34.435 4.56 2.26 51.8 32.9 63.1 400 15.38 35.338 4.95 26.596 1500A 2.81 34.567 4.34 2.18 59.3 32.1 51.8 500 11.65 35.062 4.86 26.726 | 196.0 0.281 |
| 440A 12.88 35,255 4,94 0.80 3.7 0.01 10.2 141,5 200 16.09 35,708 5.13 26,286 591A 9,58 34,780 4,78 1.29 8.0 0.00 18.5 118.9 250 15.20 35.599 5.05 26,485 895A 4,47 34,282 5,45 1,93 21.1 28.0 88.9 300 14.53 35.510 4.96 26,485 1296A 2,96 34,435 4,56 2,26 51.8 52,9 63.1 400 13.38 35,338 4.95 26,596 1500A 2,81 34,567 4,34 2,18 59,3 32.1 51.8 500 11.63 35,062 4.86 26,726 | 189.9 0.330 |
| 895a 4.47 34.282 5.45 1.93 21.1 28.0 88.9 300 14.53 35.510 4.98 26.485 1298a 2.96 34.435 4.56 2.26 51.8 32.9 63.1 400 15.38 35.338 4.95 26.596 1500a 2.81 34.567 4.34 2.18 59.3 32.1 51.8 500 11.63 35.062 4.86 26.726 | 174.2 0.424 |
| 1298A 2.96 34.435 4.56 2.26 51.8 32.9 63.1 400 13.38 35.338 4.95 26.596 1500A 2.81 34.567 4.34 2.18 59.3 32.1 51.8 500 11.65 35.062 4.86 26.726 | 162.9 0.512 |
| 1500a 2.81 34.567 4.34 2.18 59.3 32.1 51.8 500 11.63 35.062 4.86 26.726 | 155.5 0.596 |
| | 145.0 0.756 |
| | 132.7 0.906 |
| 1904A 2.87 34.791 4.92 1.85 51.6 0.00 27.0 35.4 600 9.59 34.754 4.80 26.883 | 117.8 1.044 |
| 2208A 2.95 34.873 5.42 1.56 40.1 25.3 29.9 700 7.43 34.523 5.01 27.003 | 106.5 1.168 |
| 26144 2.89 34.914 5.75 1.40 33.6 21.4 26.3 800 5.77 34.371 5.23 27.106 | 96.7 1.280 |
| 3022A 2.67 34.911 5.81 1.39 37.0 21.1 24.7 1000 4.08 34.333 5.29 27.269 | 81.2 1.476 |
| 3537A 1.934 34.844 5.54 1.61 62.1 24.0 23.9 1200 3.53 34.408 4.84 27.404 | 68.4 1.643 |
| 4056A 0.407 34.689 5.13 2.22 124.9 0.00 32.5 25.8 1500 2.81 34.567 4.34 27.579 | 51.8 1.849 |
| 43704 0.242 34.678 5.15 2.26 129.7 32.7 25.8 1750 2.85 34.720 4.61 27.697 | 40.6 1.991 |
| 4634A 0.239 34.675 5.14 2.26 131.2 32.7 26.0 2000 2.90 34.623 5.09 27.775 | 33.3 2.115 |
| 4687A 0.238 34.675 5.18 2.23 131.4 0.00 32.6 26.0 2250 2.94 34.877 5.47 27.814 | 29.4 2.230 |
| 2500 2.91 34.902 5.69 27.438 | 27.0 2.341 |
| 2750 2.84 34.915 5.77 27.854 | 25.6 2.451 |
| 3000 2,69 34,911 5,81 27,865 | 24.7 2.560 |
| 3250 2.42 34.888 5.72 27.869 | 24.4 2.667 |
| 3500 2.01 34.850 5.57 27.873 | 24.0 2.770 |
| 3750 1.26 34.771 5.35 27.865 | 24.7 2.863 |
| 4000 0.55 34.703 5.16 27.856 | 25.6 2.942 |
| 4250 0.31 34.683 5.14 27.854 | 25.8 3.012 |
| 4500 0.24 34.677 5.15 27.853 | 25.9 3.078 |

| | | RV | MELVILL | Ε | | | | CATO | EXPEDITION | V VI | | | | | |
|-------|---------|----------|-----------------|------|-------|------|---------------|-------|-----------------|-------------|---------------|---------|--------|----------|-------|
| | 10 07.0 | | 1 TUDE 19.7w | | 4/72 | | ENGER 1730 | TIME | 80110M 4833M | WINU 080 | SPEED 12KT | WEATHER | DOMIN | ANT WAVE | s |
| Z | T | S | 02 | P04 | \$103 | 102 | 1103 | DT | 2 | T | s | 0.2 | SIGT | OT | DD |
| 0 | 20.52 | 36,218 | 5.23 | 0.03 | 1.0 | 0.00 | 0.0 | 242.5 | 0 | 20.52 | 36.218 | 5.23 | 25.569 | 242.5 | 0.000 |
| 52A | 20.22 | 36,268 | 5.21 | 0.05 | 1.0 | 0.00 | 0.0 | 231.2 | 10 | 20.46 | 36.226 | 5.23 | 25,591 | 240.3 | 0.024 |
| 53 | 20.18 | 36,266 | 5.28 | 0.02 | 0.6 | 0.00 | 0.0 | 230.4 | 20 | 20.40 | 36.235 | 5.22 | 25.614 | 238.2 | 0.048 |
| 78A | 19.06 | 36.067 | 5.35 | 0.08 | 1.0 | 0.00 | 0.0 | 216.9 | 30 | 20.35 | 36.245 | 5.22 | 25.637 | 236.0 | 0.072 |
| 95 | 18.09 | 35,920 | 5.42 | 0.08 | 0.8 | 0.00 | 0.0 | 204.3 | 50 | 20.23 | 36.264 | 5.21 | 25,683 | 231.7 | 0.119 |
| 127 | 17.22 | 35.840 | 5.24 | 0.19 | 1.2 | 0.09 | 0.7 | 189.9 | 75 | 19.21 | 36.097 | 5.34 | 25.823 | 218.3 | 0.176 |
| 129A | 17.60 V | 35.865 V | 5.36V | 0.14 | 1.0 | 0.04 | 0.0 | | 100 | 17.92 | 35.901 | 5.41 | 26,000 | 201.6 | 0.229 |
| 158 | 16.17 | 35,682 | 5.04 | 0.34 | | 0.02 | 2.6 | 177.A | 125 | 17.26 | 35.842 | 5.26 | 26,115 | 190.6 | 0.279 |
| 207A | 15.71 | 35.624 | 5.02 | 0.42 | | 0.01 | 3.5 | 172.0 | 150 | 16.42 | 35.720 | 5.09 | 26,221 | 180.5 | 0.327 |
| 284A | 14.78 | 35,519 | 4.99 | 0.49 | 2.0 | 0.01 | 5.5 | 160.0 | 200 | 15.73 | 35.625 | 5.02 | 26.307 | 172.4 | 0.418 |
| 387A | 13.85 | 35,426 | 5.02 | 0.60 | | 0.01 | 7.6 | 147.9 | 250 | 15.19 | 35.563 | 5.00 | 26.581 | 165.4 | 0.505 |
| 541A | 10.49 | 34.902 | 4.79 | 1.17 | 6.8 | | 16.2 | 124.7 | 300 | 14.66 | 35.510 | 5.00 | 26.458 | 158.1 | 0.591 |
| 694A | 7.15 | 34.500 | 5.03 | 1.57 | 12.2 | | 23.0 | 104.3 | 400 | 13.61 | 35.387 | 5.00 | 26.585 | 146.0 | 0.753 |
| 1002A | 3.87 | 34,270 | 5.39 | 2.03 | 26.9 | | 29.6 | 83.A | 500 | 11.50 | 35.052 | 4.84 | 26.743 | 131.1 | 0.903 |
| 14124 | 2.84 | 34.524 | 4.41 | 2.22 | 58.8 | | 32.8 | 55.3 | 600 | 9.13 | 34.722 | 4.86 | 26.899 | 116.3 | 1.039 |
| 1617A | 2.80 | 34.653 | 4.52 | 2.08 | 58.8 | | 30.6 | 45.3 | 700 | 7.05 | 34.490 | 5.04 | 27.031 | 103.8 | 1.160 |
| 2026A | 2.91 | 34.831 | 5.19 | 1.68 | 46.0 | | 25.1 | 32.A | 800 | 5.64 | 34.363 | 5.22 | 27,116 | 95.7 | 1.270 |
| 2332A | 2.96 | 34.901 | 5.60 | 1.49 | | 0.00 | 22.5 | 27.9 | 1000 | 3.88 | 34.271 | 5.39 | 27.241 | 83.9 | 1.468 |
| 2742A | 2.81 | 34.917 | 5.82 | 1.40 | 34.9 | | 21.5 | 25.4 | 1200 | 3.57 | 34.400 | 4.92 | 27.393 | 69.5 | 1.639 |
| 3150A | 2.552 | 34.903 | 5.84 | 1.43 | 40.1 | | 21.5 | 24.3 | 1500 | 2.82 | 34.585 | 4.46 | 27,591 | 50.7 | 1.845 |
| 3664A | 1.673 | 34.822 | 5.45 | 1.75 | 74.2 | | 26.0 | 23.7 | 1750 | 2.82 | 34.722 | 4.71 | 27.701 | 40.3 | 1.985 |
| 4182A | 0.54 | 34.694 | 5.06 | 2.21 | 125.2 | | 32.1 | 26.2 | 2000 | 2.90 | 34.822 | 5.14 | 27.775 | 33.3 | 2.109 |
| 4495A | 0.177 | 34.670 | 5.17 | 2.28 | 132.5 | | 33.1 | 26.1 | 2250 | 2.95 | 34.886 | 5.50 | 27.821 | 28.9 | 2.223 |
| 4755A | 0.198 | 34.677 | 5.18 | 2.26 | 132.3 | | 33.2 | 25.6 | 2500 | 2.92 | 34.909 | 5.73 | 27.842 | 26.5 | 2.333 |
| 4807A | 0.208 | 34.674 | 5.17 | 2.24 | 132.5 | 0.00 | 33.4 | 25.9 | 2750 | 2.81 | 34.916 | 5.82 | 27.858 | 25.4 | 2.442 |
| | | | | | | | | | 3000 | 2.68 | 34.910 | 5.83 | 27.865 | 24.6 | 2,550 |
| | | | | | | | | | 3250 | 2.41 | 34.889 | 5.78 | 27.871 | 24.2 | 2.657 |
| | | | | | | | | | 3500 | 2.00 | 34.851 | 5.60 | 27.874 | 23.9 | 2,758 |
| | | | | | | | | | 3750 | 1.47 | 34.798 | 5.36 | 27.872 | 24.1 | 2.853 |
| | | | | | | | | | 4000 | 0.91 | 34.735 | 5.16 | 27.859 | 25.3 | 2.938 |
| | | | | | | | | | 4250 | 0.43 | 34.687 | 5.08 | 27.850 | 26.2 | 3.015 |
| | | | | | | | | | 4500 | 0.18 | 34.671 | 5.17 | 27.851 | 26.1 | 3.083 |
| | | | | | | | | | 4750 | 0.20 | 34.678 | 5.18 | 27.856 | 25.6 | 3.148 |
| | | | | | | | | | | | 34.010 | | E | | 0.140 |

| A | | | 13 510 |) | | CATO E | PECITION | VI | | | 14 ST | С | |
|--|-------|-------|--------|---------|-------|--------|----------|------|-------|-------|---------|-------|------------------------|
| 0 20.62 36.21 25.536 245.6 0.000 | | | | | | | | | | | | | START TIME 1337 GMT |
| 10 20.52 36.22 25.770 242.4 0.024 10 20.55 36.23 25.26 20.5 0.086 20.475 36.23 36.23 25.26 0.086 36.23 36.23 25.26 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.21 25.66 0.086 36.23 36.22 25.67 36.20 | 2 | T | S | SIGMA T | DT | UD | | z | т | s | SIGMA T | Qτ | 00 |
| 20 20.57 36.23 22.637 27.50 0.000 20.000 30.22 30.62.2 25.75 0.000 0.072 30.20.20 30.62.21 25.600 20.50 0.072 30.20 30.62.21 25.600 20.50 0.072 30.62.21 25.600 20.500 0.072 30.62.21 25.600 20.500 0.072 30.62.21 25.600 20.500 0.072 30.62.21 25.600 20.500 0.072 30.62.21 25.600 20.500 0.072 30.62.21 25.600 20.500 0.072 30.62.21 25.600 20.500 0.072 30.62.21 25.600 20.500 0.072 30.62.21 25.600 20.500 0.072 30.62.21 25.600 20.500 0.072 30.62.21 25.600 20.500 0.072 30.62.21 25.600 20.500 0.072 30.62.21 25.600 20.62.20 30.62.21 25.600 20.62.20 30.62.21 25.600 20.62.20 30.62.21 25.600 20.62.20 30.62.21 25.600 20.62.20 30.62.21 25.600 20.62.20 25.777 20.62.77 20 | 0 | | | | 245.6 | 0.000 | | | 20.55 | 36.22 | 25.562 | 243.1 | 0,000 |
| 20.29 36.24 25.67 225.69 225.69 20.002 | | | | | | | | 10 | | | | | |
| v0 20.17 36.24 29.679 282.0 0.096 40 20.25 55.11 29.607 255.7 0.199 60 10.20 36.21 22.5,006 22.04 0.119 0.019 56.02 25.05 25.05 0.139 60 11.75 35.20 25.02 22.03 0.119 0.00 0.00 35.62 25.680 25.03 0.139 90 18.65 36.02 25.777 22.777 22.777 22.777 22.777 22.277 0.189 90 18.65 36.02 25.777 22.1 0.216 0.228 10.01 10.35 35.00 22.777 22.2 0.216 0.229 10.01 10.01 11.05 35.00 22.777 22.2 0.211 10.01 11.05 35.00 22.8 0.211 11.06 11.02 10.15 10.02 0.22 11.01 11.02 10.15 10.02 0.02 10.02 0.02 10.02 0.02 10.02 | | | | | | | | | | | 25.621 | | 0.048 |
| 50 20 20 20 20 20 20 20 | | | | | | | | | | | | | |
| 60 1 9.777 | | | | | | | | | | | | | |
| ac 18.91 54.66 25.971 213.6 0, 1.107 90 19.47 56.13 25.777 222.7 0.189 90 19.18 54.02 25.977 222.7 0.281 100 17.17 35.56 34.02 25.977 222.7 0.281 100 17.17 35.56 34.02 25.977 222.7 0.281 100 17.17 35.56 26.26 26.27 27.9 222.7 0.281 100 17.17 35.56 26.26 26.283 27.97 222.7 0.281 100 17.17 35.56 26.26 26.283 27.97 222.7 0.281 100 17.17 35.56 26.26 26.283 27.97 222.7 0.281 100 17.17 35.56 26.26 26.283 27.97 222.7 0.281 100 17.17 35.56 26.26 26.283 174.7 0.25 27.28 27 | 60 | 19.77 | 36.19 | 25.747 | | 0.142 | | | | | | | 0.143 |
| 90 18.65 36.02 25.907 210.4 0,206 90 19.15 56.02 22.779 222.6 0,211 100 18.19 35.96 26.977 203.7 0,229 100 18.59 35.92 22.18 0,211 126 17.70 35.80 22.597 196.6 0,289 122 17.70 35.87 26.027 1199.9 0,286 127 17.70 35.80 26.207 196.6 0,289 120 17.70 15.87 26.027 1199.9 0,286 128 17.70 35.90 26.207 151.0 0,089 120 17.70 17.87 26.027 1199.9 0,286 128 15.10 35.95 26.507 155.4 0,093 120 17.22 35.00 120 17.70 15.87 26.027 1199.9 0,286 128 15.10 35.59 26.507 155.4 0,093 120 17.22 35.00 120 17.70 15.87 26.027 110 10.70 15.87 26.027 110 15.47 26.027 110 | | 19.59 | | | | | | | | | | | 0.166 |
| 100 | | | | | | | | | | | | | |
| 125 17.70 35.90 26.952 176.6 0, 2.80 125 17.75 55.67 26.017 199.9 0.286 150 17.47 33.6 72.090 173.0 0.3530 150 17.06 35.6 26.126 189.6 0.362 200A 16.19 35.40 26.356 169.6 0.423 200 15.62 35.62 26.263 174.7 0.4550 200A 16.19 35.40 26.557 170.0 0.4550 200A 11.67 35.50 14.27 35.55 26.507 170.4 0.4550 250A 14.18 55.49 26.555 149.0 0.675 350 140.1 0.555 250A 14.18 55.49 26.555 149.0 0.675 350 140.1 0.555 250A 14.18 55.49 26.555 149.0 0.675 350 140.2 155.49 26.603 140.4 0.286 250A 14.16 33.09 26.597 144.0 0.752 400 15.46 55.7 26.603 140.3 0.683 250A 14.16 33.09 26.711 135.0 0.675 350 140.2 155.49 26.603 140.3 0.683 250A 14.16 33.09 26.711 135.0 0.675 350 140.2 155.49 26.603 140.3 0.683 250A 14.16 33.09 26.711 135.0 0.675 350 140.2 155.49 26.603 140.3 0.683 250A 14.6 13 35.09 26.711 140.0 0.752 400 150.40 34.60 26.60 110.2 110.2 150.40 35.40 36.60 110.2 125.2 0.60 110.4 35.60 | | | 35.02 | | 210.4 | 0.208 | | | | | | 222.5 | 0.211 |
| 150 17.45 35.67 26.090 133.0 0.330 150 17.06 35.00 26.126 189.6 0.356 200A 16.19 35.00 46.336 169.6 0.423 200 15.62 55.6 26.203 174.7 0.356 2052A 15.10 35.39 26.422 161.5 0.513 250 15.17 35.57 26.2031 164.4 0.513 2050A 15.10 35.40 26.597 144.0 0.673 350 15.17 35.57 26.2031 164.4 0.513 2060A 13.60 35.40 26.597 144.0 0.673 350 15.17 25.20 26.602 114.3 0.600 2050A 11.11 35.49 26.545 144.3 0.673 350 15.17 25.20 26.602 114.3 0.600 2050A 11.11 35.39 26.214 133.0 0.904 500 11.43 35.00 26.602 114.3 0.600 2050A 11.11 13.50.99 26.714 133.0 0.904 500 11.43 35.00 26.602 114.3 0.762 2050A 11.17 38.92 26.779 172.6 0.765 550 10.43 34.6 26.803 125.4 0.903 2060A 3.62 34.76 26.499 121.1 1.099 500 9.55 34.74 26.876 116.5 1.050 2060A 3.62 34.76 26.499 121.1 1.099 500 9.55 34.74 26.876 116.5 1.050 2070A 7.08 34.43 26.980 100.5 1.227 750 7.23 34.74 26.876 116.5 1.050 2070A 7.08 34.43 26.980 100.5 1.227 750 7.23 34.74 26.876 116.5 1.050 2070A 4.88 34.29 27.149 92.6 13.34 60 9.55 24.73 27.104 116.5 10.6 1.220 2060A 5.64 34.55 27.106 97.1 1.09 500 97.55 27.107 27.177 89.9 1.387 2060A 5.64 34.55 27.106 97.1 1.09 500 97.55 27.107 97.7 1.080 2050A 14.13 34.26 27.108 97.1 1.090 97.0 1.20 34.27 27.177 89.9 1.387 2060A 5.64 34.35 27.106 97.1 1.090 97.0 1.20 3.20 27.114 81.0 1.090 97.0 1.000 97.55 27.115 99.7 1.387 2060A 5.64 34.35 27.106 97.1 1.000 97.0 1.000 97 | | | 35.90 | | | 0.280 | | | | | | 199.9 | 0.286 |
| 2000 16.19 35.40 26.356 169.6 0.423 200 15.62 55.62 26.285 174.7 0.450 2004 14.10 35.50 26.507 153.4 0.515 300 14.45 55.57 26.331 164.4 3004 14.10 35.50 26.507 153.4 0.515 300 14.45 55.57 26.331 164.4 400A 13.6 35.24 26.655 141.3 0.602 36.662 136.8 0.762 450A 12.81 35.24 26.655 141.3 0.602 36.662 136.8 0.762 450A 12.81 35.24 26.655 141.3 0.602 36.662 136.8 0.656 450A 12.81 35.24 26.655 141.3 0.602 36.662 136.8 0.656 450A 10.74 34.92 26.777 127.6 0.772 350 10.43 34.66 26.603 125.4 0.762 450A 10.74 34.92 26.777 127.6 0.772 350 10.43 34.86 26.603 125.4 0.762 450A 47.82 34.43 26.790 100.6 1.169 700 7.23 34.50 27.014 105.4 11.55 400A 7.08 34.43 26.790 100.6 11.69 700 7.23 34.50 27.014 105.4 11.55 400A 5.64 34.35 27.196 90.7 1.201 600 5.26 34.42 27.006 10.5.4 1.250 400A 5.64 34.35 27.196 90.7 1.201 600 5.25 34.50 27.117 69.7 1.201 400A 5.64 34.35 27.196 90.7 1.201 600 5.25 34.50 27.117 69.7 1.201 400A 5.64 34.35 27.196 90.7 1.201 600 5.25 34.50 27.107 69.7 1.205 400A 5.64 34.35 27.196 90.7 1.201 600 5.25 34.50 27.107 69.7 1.205 400A 5.64 34.35 27.197 90.7 1.201 600 5.25 34.50 27.107 69.7 1.205 400A 5.64 34.35 27.197 90.7 1.201 600 5.25 34.50 27.107 69.7 1.205 400A 5.64 34.35 27.197 90.7 1.201 600 5.25 34.50 27.107 69.7 1.205 400A 5.64 34.35 27.197 90.7 1.201 600 5.25 34.50 27.107 69.7 1.205 400A 5.64 34.35 27.197 90.7 1.201 600 5.25 34.50 27.107 69.7 1.205 400A 5.64 34.35 27.197 90.7 1.205 60.65 1.205 1.205 1.205 400A 5.64 34.35 27.197 90.7 1.205 1.205 1.205 1.205 1.2 | 150 | | 35.87 | 26.090 | 193.0 | 0.330 | | 150 | | 35.80 | | | 0.336 |
| \$50.00 \$14.97 \$35.55 \$26.907 \$153.4 0.593 \$30.00 \$14.91 \$55.49 \$26.595 \$10.9 0.683 \$10.00 \$14.21 \$55.49 \$26.595 \$10.9 0.683 \$10.00 \$14.21 \$55.49 \$26.595 \$10.9 0.683 \$10.00 \$14.00 \$15.52 \$55.20 \$26.603 \$144.3 0.762 \$15.00 \$14.00 \$15.52 \$55.20 \$26.603 \$144.3 0.762 \$15.00 \$14.00 \$15.52 \$55.20 \$26.603 \$144.3 0.762 \$15.00 \$15.00 \$15.52 \$55.20 \$26.603 \$144.3 0.762 \$15.50 \$15. | | 16.19 | 35.80 | | 169.6 | 0.423 | | | | | | 174.7 | 0.430 |
| 150.0 14.18 35.49 26.59 14.9.0 0.675 35.00 14.21 55.49 26.50 14.30 0.685 15.60 15.40 55.37 26.602 14.30 0.752 15.00 15.40 55.37 26.602 14.30 0.752 15.00 15.40 15.50 14.30 0.752 15.00 15.00 15.00 15.00 15.00 14.30 0.752 15.00 1 | | 15.10 | | | 161.5 | | | | | | | | |
| 406A 15.60 35.40 26.597 144.0 0.752 406 15.40 35.27 26.603 124.3 0.752 406A 11.61 35.09 26.779 171.6 0.752 506A 10.17 34.92 26.779 127.6 0.974 506A 10.17 34.92 26.779 127.6 0.974 506A 10.17 34.92 26.779 127.6 0.974 506A 10.17 34.92 26.779 127.6 0.976 506A 10.17 10.17 10.17 506A 10.17 10.17 10.17 10.17 10.17 506A 10.17 10.17 10.17 10.17 10.17 506A 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 506A 10.17 1 | | | | 26.545 | 149.8 | 0.673 | | | | 35.49 | 26.494 | | |
| 450.4 12.e8 35.29 26.535 141.3 0.830 450 12.22 25.20 26.662 136.8 0.836 10.00 11.14 35.09 26.714 133.6 0.904 500.8 10.174 34.92 26.779 177.6 0.976 550 11.43 34.86 26.803 123.4 0.963 10.00 10.23 34.76 26.849 121.1 1.055 600 0.35 34.86 26.803 123.4 0.963 10.00 10.23 34.76 26.849 121.1 1.055 600 0.35 34.86 27.946 111.1 1.113 1750.0 10.25 27.106 10.5 1.227 750 1.02 34.86 27.946 111.1 1.113 1750.0 10.25 34.85 27.106 10.5 1.227 750 1.02 34.86 27.946 111.1 1.113 1750.0 10.25 27.106 10.5 1.227 750 1.02 34.86 27.946 111.1 1.113 1750.0 10.25 27.106 10.5 1.227 750 1.02 34.86 27.946 111.1 1.113 1750.0 10.25 27.106 10.5 1.227 750 1.02 34.86 27.946 111.1 1.113 1750.0 10.25 27.106 10.25 1.227 750 1.02 34.86 27.276 10.25 1.337 1750.0 10.25 27.106 10.25 1.227 1.225 1.337 1750.0 10.25 27.106 10.25 1.227 1.225 1.337 1750.0 10.25 27.106 10.25 1.334 1.25 1.25 1.334 1.25 1.25 1.334 1.25 1.25 1.334 1.25 1.25 1.334 1.25 1.25 1.334 1.25 | | | | 26.597 | | 0.752 | | | | | | 144.3 | 0.762 |
| 550 10.74 34.92 26.779 127.6 0.976 550 10.43 34.86 26.803 125.4 0.995 600A 9.62 34.76 26.849 121.1 1.095 600 9.55 34.74 26.878 111.5 1.105 650A 6.25 34.61 26.951 111.4 1.109 650 6.37 34.63 26.948 111.7 1.113 7700A 7.08 34.43 26.940 108.6 1.169 700 7.23 34.63 27.014 105.4 1.173 7700A 7.08 34.43 26.940 108.6 1.169 700 7.23 34.63 27.014 105.4 1.173 7700A 7.08 34.43 26.940 108.6 1.169 700 7.23 34.50 27.016 100.6 1.230 7700A 7.08 34.40 27.066 100.5 1.227 750 6.40 34.42 27.066 100.6 1.230 7700A 7.08 34.40 27.066 100.5 1.227 750 6.40 34.42 27.066 100.6 1.230 7700A 7.08 34.25 27.104 92.6 1.334 850 4.87 34.29 27.150 92.5 1.337 7800A 3.48 34.26 27.107 92.6 1.334 850 4.87 34.29 27.150 92.5 1.337 7800A 3.40 34.27 27.259 64.1 1.343 850 4.87 34.29 27.150 92.5 1.337 7800A 3.40 34.27 27.259 64.1 1.480 1000 3.63 34.26 27.271 86.9 1.482 7800A 3.40 34.27 27.351 69.6 1.651 1200 3.03 34.25 27.355 76.2 1.652 7800A 3.40 34.31 27.341 77.0 1.569 1100 3.63 34.25 27.355 76.2 1.651 7800A 3.40 34.35 27.555 66.6 1.755 1.706 1.000 2.80 34.51 27.522 66.6 1.756 7800A 3.40 34.35 27.555 66.6 1.755 1.706 1.000 2.80 34.51 27.522 66.6 1.756 7800A 2.66 34.48 27.555 52.5 1.860 1500 2.80 34.51 27.522 66.6 1.756 7800A 2.62 34.56 27.575 52.5 1.860 1500 2.80 34.51 27.522 66.6 1.756 7800A 2.26 34.56 27.575 52.5 1.860 1500 2.80 34.51 27.522 66.6 1.795 7800A 2.26 34.85 27.775 35.2 1.860 1500 2.80 34.51 27.522 66.6 1.795 7800A 2.26 34.85 27.757 32.5 1.860 1500 2.80 34.50 27.650 47.00 1.917 7800A 2.26 34.85 27.5 | | | | | 141.3 | 0.830 | | | 12.52 | 35.20 | 26.662 | 138.8 | 0.838 |
| 600 | | | | | | | | | | | | 132.2 | 0.912 |
| \$\frac{8}{900} \ \frac{8}{0} \ \frac{5}{2} \ \ \frac{3}{8} \ \tag{4} \ \frac{1}{2} \ \frac{6}{2} \ \frac{9}{11} \ \ \tag{11} \ \ \tag{1} \ \ \tag{1} \ \tag{1} \ \tag{1} \ \tag{1} \ \ \tag{1} \ \ | | 9.62 | | | | | | | | | | 125.4 | 0.983 |
| 700A 7.08 34.43 24.980 108.6 1.257 700 7.23 34.50 27.014 105.4 1.275 750A 6.27 34.29 27.066 100.6 1.225 750A 6.27 34.29 27.066 100.6 1.225 750A 6.40 34.25 27.066 100.6 1.250 80A 5.64 34.35 27.106 96.7 1.285 80A 4.88 34.29 27.149 92.6 1.553 80.0 4.87 34.29 27.150 92.5 1.357 90C4 4.53 34.26 27.27 87.1 4.435 90.0 4.86 34.27 27.177 89.9 1.357 90C4 4.53 34.26 27.277 87.1 4.435 95.0 4.86 90.0 4.86 34.27 27.177 89.9 1.357 90C4 4.13 34.26 27.237 87.1 4.435 95.0 4.86 90.0 4.86 34.27 27.177 89.9 1.357 1000A 3.9 34.21 27.354 79.6 1.455 1000A 3.9 34.26 27.234 84.1 1.486 1000 3.81 34.26 27.240 84.0 1.455 1000A 3.9 34.26 27.234 87.4 11.486 1000 3.81 34.26 27.240 84.0 1.455 1000A 3.9 34.26 27.234 87.4 11.486 1000 3.81 34.26 27.250 84.0 1.455 1000A 3.9 34.25 27.354 76.2 1.756 1000A 3.9 34.25 27.354 77.2 1.756 1000A 3.9 34.25 27.354 76.2 1.756 1000A 3.9 34.25 27.354 76.2 1.756 1000A 3.9 34.25 27.354 76.2 1.756 1000A 3.9 34.25 27.355 76.2 1.756 | | | 34.61 | | | 1.109 | | | | | | | |
| 880A 5,64 34,35 27,106 96,7 1,281 60C 4,58 34,29 27,119 92,6 1,334 850 4,88 34,29 27,119 92,6 1,354 900 4,48 34,29 27,119 92,6 1,357 900A 4,53 34,26 27,164 91,2 1,384 900 4,46 34,27 27,177 89,9 1,387 1000A 3,90 34,27 27,239 84,1 1,480 1000 3,81 34,27 27,297 84,1 1,480 1100A 3,46 34,31 27,314 77,0 1,569 1100 3,38 34,31 27,356 67,2 1,570 1200A 3,96 34,34 27,391 69,6 1,651 1200 3,04 34,35 27,365 70,2 1,651 1300A 2,86 34,43 27,505 56,6 1,755 1400 2,86 34,51 27,753 52,5 1,860 1500 2, | | 7.08 | 34.43 | | 108.6 | 1,169 | | | | | | | |
| ASDA | | | | | | | | | | | | | |
| 900.4 4.53 34.26 27.164 91.2 1.384 900 4.46 54.27 27.177 89.9 1.387 950.4 4.13 34.26 27.2707 87.1 1.493 550.4 4.13 34.26 27.2707 87.1 1.493 550.4 4.13 34.27 27.239 84.1 1.480 1000 3.81 34.26 27.240 84.0 1.482 1100.4 3.90 34.27 27.239 84.1 1.480 1000 3.81 34.26 27.240 84.0 1.482 1100.4 3.46 34.31 27.322 76.2 1.570 1200.6 3.15 34.37 27.391 69.6 1.691 1200 3.04 34.35 27.385 70.2 1.691 1300 3.297 34.44 27.463 62.6 6.6 1.726 1400.6 2.86 34.48 27.505 56.6 1.726 1400.6 2.86 34.48 27.505 56.6 1.726 1400.6 2.86 34.48 27.505 56.6 1.795 1400 2.86 34.51 27.529 56.6 1.785 1500.6 2.2 34.56 27.573 52.5 1.860 1500 2.80 34.63 27.630 47.0 1.937 1400.6 2.80 34.63 27.630 47.0 1.937 1400.6 2.80 34.63 27.630 47.0 1.937 1400.6 2.80 34.63 27.630 47.0 1.937 1400.6 2.80 34.63 27.630 47.0 1.937 1400.6 2.80 34.63 27.630 47.0 1.937 1400.6 2.80 34.78 27.155 38.9 2.025 1400.6 2.80 34.78 27.745 36.1 2.077 1400.6 2.80 34.78 27.715 38.9 2.025 1400.6 2.80 34.63 27.759 32.9 2.125 200.6 2.91 34.69 27.780 32.9 2.125 200.6 2.91 34.69 27.780 32.9 2.125 200.6 2.91 34.69 27.780 32.9 2.125 200.6 2.91 34.69 27.780 32.9 2.125 200.6 2.91 34.89 27.802 30.7 2.186 2200.6 2.95 34.78 27.780 32.9 2.255 200.6 2.91 34.89 27.802 30.7 2.186 2200.6 2.95 34.78 27.780 32.9 2.255 200.6 2.91 34.99 27.802 20.8 27.802 30.7 2.186 2200.6 2.95 34.78 27.780 30.2 2.216 2200.6 2.95 34.78 27.780 32.9 2.255 200.6 2.91 34.89 27.802 30.7 2.186 2200.6 2.95 34.78 27.802 30.7 2.186 2200.6 2.95 34.78 27.802 30.2 2.216 2200 2.97 34.89 27.802 30.7 2.186 2200.6 2.95 34.78 27.802 30.2 2.216 2200 2.97 34.89 27.802 30.2 2.216 2200 2.97 34.89 27.802 30.2 2.216 2200 2.97 34.89 27.802 30.2 2.216 2200 2.97 34.89 27.802 30.2 2.216 2200 2.97 34.89 27.802 30.2 2.216 2200 2.97 34.89 27.802 30.2 2.216 2200 2.97 34.89 27.802 30.2 2.216 2200 2.97 34.89 27.802 30.2 2.803 34.99 27.802 27.802 30.0 2.90 34.89 27.802 27.802 30.0 2.90 34.89 27.802 27.802 30.0 2.90 34.89 27.802 27.802 27.802 30.0 2.90 34.89 27.802 27.802 27.802 27.802 27.802 27.802 27.802 27.802 27.802 27.802 27.802 27.802 27.802 27.802 27.802 | | | | | 96.7 | 1.281 | | | | 34.31 | | | |
| 950 | | | | | 91 3 | 1.334 | | | | | | | 1.337 |
| 10000 3,90 34,27 27,239 64,1 1,480 1000 3,31 54,26 27,240 84,0 1,482 1004 3,46 34,31 27,314 77.0 1,569 1000 3,43 34,35 27,385 70,2 1,651 1200 3,04 34,35 27,385 70,2 1,651 13000 2,96 34,45 27,465 63,5 1,726 13000 2,97 34,44 27,465 62,6 1,726 14000 2,86 34,44 27,565 56,6 1,795 1400 2,86 34,41 27,581 51,6 1,785 15000 2,80 34,55 27,585 70,2 1,651 15000 2,80 34,55 27,585 56,6 1,795 1400 2,86 34,51 27,529 56,6 1,795 1400 2,86 34,51 27,529 56,6 1,795 1400 2,86 34,51 27,581 51,6 1,898 16000 2,797 34,65 27,631 46,9 1,920 1600 2,80 34,63 27,630 47,0 1,917 17000 2,81 34,69 27,677 42,6 1,975 18000 2,81 34,69 27,677 42,6 1,972 18000 2,81 34,69 27,677 42,6 1,972 18000 2,83 34,74 27,715 38,9 2,025 19000 2,85 34,78 27,715 38,9 2,025 19000 2,85 34,86 27,779 12,9 2,125 2000 2,91 34,83 27,780 32,8 2,025 19000 2,96 34,86 27,779 12,9 2,125 2000 2,91 34,83 27,780 32,8 2,122 21000 2,95 34,87 27,808 30,2 2,216 2200 2,91 34,83 27,862 2,122 2,132 23004 2,95 34,87 27,888 27,85 2,85 2,561 2,500 2,96 34,91 27,842 2,132 2,132 2,104 2,132 2, | | 4.13 | | 27.207 | 87.1 | 1.433 | | | | | | | 1.435 |
| 1200A 3,15 34,37 27,391 69,6 1,651 1200 3,04 34,55 27,365 70,2 1,651 1300A 2,96 34,45 27,456 63,5 1,726 1300A 2,96 34,45 27,556 56,6 1,795 1400 2,86 34,46 27,505 56,6 1,795 1400 2,86 34,51 27,529 56,6 1,795 1500A 2,20 34,56 27,573 52,5 1,860 1500 2,81 34,57 27,561 0,6 1,6 51 1,6 1,6 88 1600A 2,79 34,65 27,651 46,9 1,920 1600 2,80 34,65 27,650 47,0 1,917 1700A 2,81 34,69 27,677 42,6 1,975 1700 2,81 34,69 27,677 42,6 1,975 1700 2,81 34,69 27,677 42,6 1,972 1800A 2,84 34,74 27,714 39,0 2,027 1800 2,85 34,78 27,715 38,9 2,025 1800A 2,85 34,78 27,779 32,9 2,125 200C 2,91 34,85 27,780 32,8 2,025 1200A 2,95 34,85 27,779 32,9 2,125 200C 2,91 34,86 27,780 32,8 2,122 2100A 2,96 34,66 27,799 31,0 2,171 1200 2,93 34,86 27,802 50,7 2,166 2200A 2,95 34,87 27,808 30,2 2,216 2200A 2,95 34,87 27,808 30,2 2,216 2200A 2,95 34,87 27,808 30,2 2,216 2200A 2,97 34,91 27,838 27,85 28,5 2,213 2300A 2,97 34,91 27,838 27,3 2,306 2400 2,94 34,91 27,838 27,80 22,257 2400A 2,97 34,91 27,838 27,3 2,306 2400 2,94 34,91 27,840 27,1 2,500 28,00 34,91 27,840 27,1 2,500 28,00 34,91 27,840 27,1 2,500 28,00 3,94 34,91 27,840 27,1 2,500 28,00 34,91 27,840 27,1 2,500 28,00 34,91 27,840 27,1 2,500 28,00 34,91 27,850 27,85 28,8 2,233 28,00 2,94 34,91 27,850 27,85 28,8 2,243 28,00 2,94 34,91 27,860 27,85 28,8 2,243 28,00 2,95 34,91 27,860 27,1 2,350 28,00 2,85 34,92 27,860 28,2 2,85 2,80 2,80 2,80 2,80 2,80 2,80 2,80 2,80 | 1000A | 3,90 | 34.27 | 27.239 | 84.1 | 1,480 | | | | | | | |
| 1300A 2.96 34,45 27,456 63,5 1,726 1300 2.97 34,44 27,463 62,6 1,726 1400A 2.86 34,46 27,505 56,6 1,795 100 2.86 34,51 27,529 6.6 1,795 1500A 2.82 34,56 27,573 52,5 1,860 1500 2.81 34,57 27,581 51,6 1,858 1600A 2.79 34,65 27,651 46,9 1,920 1600 2.80 34,65 27,650 47,0 1,917 1700A 2.81 34,69 27,677 42,6 1,975 1700 2.81 34,69 27,677 42,6 1,972 1800A 2.84 34,74 27,714 39,0 2.027 1800 2.83 34,74 27,715 36,9 2.025 1900A 2.85 34,78 27,745 36,1 2.077 1800 2.85 34,78 27,715 36,9 2.025 1900A 2.85 34,86 27,799 31,0 2.171 2100 2.93 34,86 27,802 30,7 2.168 2200A 2.96 34,86 27,799 31,0 2.171 2100 2.93 34,86 27,802 30,7 2.168 2200A 2.95 34,87 27,808 30,2 2.261 2.201 2.90 2.95 34,80 27,822 28.8 2.213 2400A 2.97 34,91 27,838 27,3 2.306 2400 2.94 34,91 27,840 27,1 2.500 2.80 2.94 34,91 27,840 27,1 2.350 2.93 34,92 27,899 26,2 2.344 2800A 2.86 34,91 27,860 25,2 2.482 2600 2.93 34,92 27,861 25,1 2.507 2800A 2.86 34,92 27,860 25,2 2.482 2600 2.95 34,93 27,861 25,4 2.558 2800A 2.07 34,91 27,860 25,2 2.482 2600 2.75 34,93 27,861 25,4 2.558 2800A 2.07 34,91 27,860 25,2 2.482 2600 2.75 34,93 27,861 25,4 2.558 2800A 2.53 34,91 27,860 25,2 2.482 2600 2.75 34,93 27,861 25,4 2.558 2800A 2.53 34,91 27,860 25,2 2.482 2600 2.75 34,93 27,861 25,4 2.558 2800A 2.53 34,91 27,860 25,2 2.482 2600 2.75 34,93 27,861 25,4 2.558 2800A 2.53 34,91 27,860 24,4 2.525 2.569 3000 2.65 34,92 27,871 24,2 2.558 2800A 2.53 34,91 27,860 24,4 2.525 2.569 3000 2.65 34,91 27,867 23,5 2.600 2800A 2.53 34,94 27,872 27, | | | | | 77.0 | 1.569 | | | | | | | |
| 1400 | | 3,15 | 34.37 | | 69.6 | 1.651 | | | | | | | |
| 1500 | | | 34.48 | | | | | | | | | | 1 795 |
| 1600 | | | | | | | | | | | | 51.6 | 1.858 |
| 18000 2.84 34.74 27.714 39.0 2.027 1800 2.85 34.74 27.715 38.9 2.025 18000 2.85 34.78 27.745 36.1 2.077 20000 2.92 34.85 27.779 32.9 2.125 21001 2.96 34.86 27.799 31.0 2.171 2100 2.93 34.86 27.802 30.7 2.168 22002 2.95 34.87 27.808 30.2 2.216 22002 2.95 34.87 27.808 30.2 2.216 23004 2.95 34.87 27.808 27.825 28.5 2.261 23004 2.97 34.91 27.886 27.3 2.306 24002 2.97 34.91 27.840 27.1 2.350 25004 2.94 34.91 27.840 27.1 2.350 25004 2.89 34.91 27.840 27.1 2.350 25004 2.89 34.91 27.840 27.1 2.350 25004 2.89 34.91 27.840 27.1 2.350 25004 2.89 34.91 27.840 27.1 2.350 25004 2.89 34.91 27.840 27.1 2.350 25004 2.89 34.91 27.840 27.85 26.6 2.394 28004 2.89 34.91 27.840 27.85 26.6 2.394 28004 2.89 34.91 27.840 27.85 24.88 28004 2.81 34.92 27.854 25.8 2.438 28006 2.70 34.91 27.860 25.2 2.482 28006 2.75 34.93 27.870 24.3 2.473 28006 2.77 34.91 27.862 25.0 2.569 3000 2.65 34.93 27.870 27.871 24.2 2.558 28006 2.75 34.91 27.862 25.0 2.569 3000 2.69 34.92 27.871 24.2 2.558 28006 2.20 34.91 27.862 24.0 2.697 3300 2.69 34.92 27.871 24.2 2.558 28006 2.20 34.91 27.862 24.9 26.5 2.599 3000 2.69 34.91 27.878 23.5 2.600 29006 2.52 34.91 27.872 23.5 2.655 3000 2.69 34.92 27.871 24.2 2.558 29006 2.52 34.91 27.872 23.5 2.655 3000 2.69 34.92 27.871 24.2 2.558 29006 2.52 34.91 27.872 23.5 2.655 3000 2.65 34.91 27.876 23.5 2.600 29007 2.52 34.91 27.872 23.5 2.655 3000 2.65 34.91 27.876 23.5 2.600 29008 2.52 34.91 27.872 27.871 24.2 2.558 29009 2.75 34.88 27.877 23.6 27.779 3500 2.65 | | | | | 46.5 | 1.920 | | | 2.80 | 34.63 | 27.630 | 47.0 | 1.917 |
| 1900 | | | | | | | | | | | | 42.6 | |
| 2000A 2.92 34.85 27.779 32.9 2.125 200C 2.91 34.65 27.780 32.6 2.122 2100A 2.95 34.66 27.799 31.0 2.171 2100 2.93 34.66 27.802 30.7 2.168 2200A 2.95 34.87 27.802 30.7 2.168 2.203 2.95 34.87 27.802 30.7 2.168 2.203 2.95 34.89 27.822 26.8 2.213 2.200A 2.95 34.99 27.825 26.5 2.261 2300 2.96 34.90 27.831 28.0 2.257 2.200A 2.97 34.91 27.840 27.1 2.350 2.200A 2.94 34.91 27.840 27.1 2.350 2.200A 2.94 34.91 27.840 27.1 2.350 2.200A 2.94 34.91 27.840 27.1 2.350 2.200A 2.85 34.93 27.861 25.1 2.344 2.200 2.85 34.93 27.861 25.1 2.344 2.200 2.85 34.93 27.865 24.8 2.438 2.700 2.85 34.93 27.865 24.8 2.438 2.700 2.85 34.93 27.865 24.8 2.430 2.200A 2.27 34.92 27.860 25.2 2.482 2.800 2.79 34.93 27.867 24.3 2.473 2.200A 2.77 34.92 27.860 25.2 2.482 2.800 2.79 34.93 27.870 24.3 2.773 2.200A 2.70 34.91 27.866 2.55 2.55 3.000 2.69 34.92 27.871 24.2 2.558 3.000 2.69 34.92 27.871 24.2 2.558 3.000 2.69 34.92 27.871 24.2 2.558 3.000 2.69 34.92 27.871 24.2 2.558 3.000 2.69 34.92 27.871 24.2 2.558 3.000 2.69 34.92 27.877 23.5 2.600 2.50 | | | | | | | | | | | | | |
| 2100A 2.96 34.86 27.799 31.0 2.171 2100 2.93 34.86 27.802 30.7 2.186 2200A 2.95 34.87 27.808 30.2 2.216 2200 2.97 34.89 27.822 28.8 2.213 2500A 2.93 34.89 27.825 28.5 2.661 2300 2.96 34.90 27.825 28.6 2.257 2400A 2.97 34.91 27.838 27.3 2.306 2400 2.94 34.91 27.840 27.1 2.350 2500A 2.98 34.91 27.845 26.6 2.394 2600 2.93 34.99 27.825 28.8 27.3 2.306 2400 2.94 34.91 27.840 27.1 2.350 2.060 2.93 34.91 27.845 26.6 2.394 2600 2.93 34.92 27.861 25.1 2.387 27.00A 2.88 34.92 27.854 25.8 2.482 2600 2.99 34.93 27.861 25.1 2.387 24.00 2.93 34.93 27.870 24.3 2.473 2900A 2.77 34.92 27.864 24.8 2.525 2900 2.75 34.93 27.870 24.3 2.473 3000A 2.70 34.91 27.862 25.0 2.569 3000 2.59 34.93 27.871 24.2 2.558 3100A 2.63 34.91 27.868 24.4 2.612 310D 2.61 34.92 27.878 23.9 2.515 3100A 2.63 34.91 27.868 24.4 2.612 310D 2.61 34.92 27.878 23.5 2.600 2.52 34.91 27.878 23.5 2.602 2.52 34.91 27.878 23.5 2.603 34.90 2.52 34.91 27.878 23.5 2.603 34.90 2.52 34.91 27.878 23.5 2.603 34.90 2.52 34.91 27.878 23.5 2.603 34.90 2.52 34.91 27.878 23.5 2.603 34.90 2.52 34.91 27.878 23.5 2.603 34.90 2.52 34.91 27.878 23.5 2.603 34.90 2.52 34.91 27.878 23.5 2.603 34.90 2.52 34.88 27.877 23.6 27.879 3500 2.52 34.91 27.878 23.5 2.604 34.90 27.888 27.877 23.6 27.879 3500 2.52 34.88 27.877 23.6 27.879 3500 2.52 34.88 27.877 23.6 27.879 3500 2.52 34.88 27.877 23.6 27.875 3500 2.00 34.90 27.888 27.877 23.6 27.875 3500 2.00 34.90 27.888 27.877 23.6 27.875 3500 2.00 34.80 27.877 23.6 27.875 3500 2.00 34.80 27.877 23.6 27.875 3500 2.00 34.80 27.877 23.6 27.875 3500 2.00 34.80 27.877 23.6 27.875 3500 2.00 34.80 27.877 23.6 27.875 3500 2.00 34.80 27.877 23.6 27.875 3500 2.00 34.80 27.877 23.6 27.875 3500 2.00 34.80 27.877 23.6 27.875 3500 2.00 34.80 27.877 23.6 27.875 3500 2.00 34.80 27.877 23.6 27.875 23.8 | | | 34.83 | | | | | | | | | | |
| 2200A 2.95 34.87 27.808 30.2 2.216 2200 2.97 34.89 27.822 28.8 2.213 2300A 2.95 34.89 27.825 28.5 2.661 2500 2.96 34.90 27.825 28.5 2.661 2500 2.96 34.91 27.840 27.1 2.500 2.96 34.91 27.840 27.1 2.500 2.96 34.91 27.840 27.1 2.500 2.96 34.91 27.840 27.1 2.500 2.96 34.91 27.840 27.1 2.500 2.94 34.91 27.840 27.1 2.500 2.94 34.91 27.840 27.1 2.500 2.95 34.92 27.869 26.2 2.944 26.00 2.99 34.93 27.861 25.1 2.587 27.004 2.88 34.92 27.865 25.8 2.438 27.00 2.85 34.93 27.861 25.1 2.587 27.004 2.88 34.92 27.865 25.8 2.438 27.00 2.85 34.93 27.867 24.3 2.438 27.004 2.81 34.92 27.860 25.2 2.482 26.00 2.79 34.93 27.870 24.3 2.473 29.004 2.77 34.92 27.866 24.8 2.525 29.00 2.75 34.93 27.871 24.2 2.558 30.004 2.70 34.91 27.862 25.0 2.569 30.00 2.69 34.92 27.871 24.2 2.558 32.004 2.52 34.91 27.868 24.4 2.612 5100 2.61 34.92 27.878 23.5 2.600 33.004 2.53 34.91 27.878 23.5 2.655 32.00 2.52 34.91 27.878 23.5 2.600 33.004 2.39 34.88 27.877 23.6 2.557 32.00 2.52 34.91 27.878 23.5 2.600 35.004 2.39 34.88 27.877 23.6 2.579 3500 2.90 34.88 27.878 23.5 2.600 35.004 2.39 34.88 27.877 23.6 2.579 3500 2.00 34.90 27.889 23.5 2.684 34.004 2.25 34.88 27.874 23.9 2.775 36.004 3.90 34.88 27.874 23.9 2.7875 23.8 27.875 23.8 27.875 35.004 2.00 34.80 27.877 23.6 2.59 2.779 3500 2.00 34.80 27.875 23.8 27.875 35.00 2.00 34.80 27.875 23.8 27.855 36.00 3.00 34.80 27.875 23.8 27.855 36.00 34.80 27.875 23.8 27.855 36.00 34.80 27.875 23.8 27.855 36.00 34.80 27.875 24.00 27.885 24.90 27.855 25.7 2.993 44.00 0.68 34.73 27.858 25.4 2.955 37.00 34.60 27.855 25.7 2.993 44.00 0.11 33.3 34.78 27.858 25.4 2.955 37.00 34.60 27.855 25.7 2.993 44.00 0.11 34.67 27.852 26.0 3.121 34.000 0.23 34.67 27.848 26.3 3.073 44.00 0.17 34.67 27.852 26.0 3.075 44.000 0.23 34.69 27.855 25.7 2.993 44.00 0.17 34.67 27.852 26.0 3.075 44.000 0.23 34.67 27.848 26.3 3.073 44.00 0.17 34.67 27.852 26.0 3.075 44.000 0.23 34.67 27.848 26.3 3.073 44.00 0.17 34.67 27.852 26.0 3.075 44.000 0.23 34.67 27.848 26.3 3.073 44.00 0.17 34.67 27.852 26.0 3.075 44.000 0.23 34.67 27.848 26.3 3.100 4.000 | | 2.96 | 34.86 | 27.799 | 31.0 | 2.171 | | | | | | | |
| 2400A 2.97 34.91 27.838 27.3 2.306 2400 2.94 34.91 27.840 27.1 2.350 2500 2.93 34.91 27.840 27.1 2.350 2500A 2.89 34.91 27.845 26.6 2.394 2600 2.89 34.93 27.861 25.1 2.387 2700A 2.88 34.92 27.845 26.6 2.394 2600 2.89 34.93 27.861 25.1 2.387 2700A 2.88 34.92 27.8460 25.8 2.438 2700 2.85 34.93 27.867 24.3 2.438 27.00A 2.81 34.92 27.866 25.2 2.482 2600 2.79 34.93 27.867 24.3 2.473 2900A 2.77 34.92 27.864 24.8 2.525 2900 2.75 34.93 27.870 24.3 2.473 3000A 2.70 34.91 27.862 25.0 2.569 30.00 2.69 34.92 27.871 24.2 2.558 3100A 2.63 34.91 27.862 25.0 2.569 30.00 2.69 34.92 27.871 24.2 2.558 3200A 2.52 34.91 27.868 24.4 2.612 31LD 2.61 34.92 27.878 23.5 2.600 3300A 2.59 34.80 27.873 24.0 2.655 3200 2.52 34.91 27.878 23.5 2.600 3300A 2.25 34.80 27.877 23.6 27.879 3300 2.40 34.90 27.880 23.3 2.684 34.00A 2.25 34.80 27.877 23.6 27.879 3500 2.08 34.86 27.875 23.8 27.875 3500A 2.09 34.86 27.874 25.9 2.779 3500 2.08 34.84 27.877 23.6 27.875 3600A 1.89 34.85 27.866 24.7 2.820 3500A 2.09 34.86 27.874 25.9 2.585 3700A 2.09 34.86 27.874 25.9 2.586 3700A 1.80 34.80 27.875 23.8 27.866 24.7 2.892 37.800 3.00 3.00 3.00 34.80 27.875 23.8 27.866 27.875 23.8 2.765 3700A 1.60 34.80 27.874 25.9 2.586 3700 3.00 1.85 34.84 27.877 23.6 2.805 3700A 1.60 34.80 27.874 25.9 2.586 3700 3.00 3.8 34.80 27.875 23.8 27.866 24.7 2.892 3800 3.00 3.00 3.00 34.80 27.875 23.8 27.865 3800 3.00 3.00 34.80 27.875 23.8 27.866 24.7 2.993 3400 3.00 34.80 27.875 24.0 2.875 3900 34.80 27.875 24.0 2.875 3900 34.80 27.875 24.0 2.875 3900 34.80 27.875 24.0 2.875 3900 34.80 27.875 24.0 2.875 3900 34.80 27.875 24.0 2.875 3900 34.80 27.875 24.0 2.875 3900 34.80 27.875 24.0 2.875 3900 34.80 27.885 24.0 2.875 3900 34.80 27.885 24.0 2.875 3900 34.80 27.885 24.0 2.875 3900 34.80 27.885 24.0 2.875 3900 34.80 27.885 24.0 2.875 3900 34.80 27.885 24.0 2.875 3900 34.80 27.885 24.0 2.875 3900 34.80 27.885 24.0 2.875 3900 34.80 27.885 24.0 2.875 3900 34.80 27.885 24.0 2.875 3900 34.80 27.885 24.0 2.875 3900 34.80 27.885 24.0 2.875 3900 34.80 27.885 24.0 2.875 3900 34.80 27.885 24 | | 2.95 | | | 30.2 | 2.216 | | | | | | | 2.213 |
| 2500A | | 2.93 | | | 28.5 | 2.261 | | | | | | | |
| 2000 | | 2.91 | | | 27.5 | 2.306 | | | 2.94 | | 27.840 | | |
| 2700A 2.88 34.92 27.864 25.8 2.438 2700 2.85 34.93 27.865 24.8 2.438 2800 2.79 34.92 27.866 25.2 2.482 2800 2.75 34.93 27.870 24.3 2.473 2900A 2.77 34.92 27.864 24.8 2.525 2900 2.75 34.93 27.874 23.9 2.515 3100A 2.70 34.91 27.868 24.4 2.569 3000 2.69 34.92 27.878 23.5 2.600 32.00 2.50 34.91 27.868 24.4 2.561 3100A 2.53 34.91 27.878 23.5 2.600 32.69 34.92 27.878 23.5 2.600 32.00 2.52 34.91 27.878 23.5 2.600 32.00 2.52 34.91 27.878 23.5 2.600 32.00 2.52 34.91 27.878 23.5 2.600 3300A 2.59 34.88 27.877 23.6 2.739 3400 2.25 34.88 27.878 23.5 2.684 34.00 2.25 34.88 27.878 23.5 2.684 34.00 2.25 34.88 27.878 23.5 2.684 34.00 2.25 34.88 27.878 23.5 2.684 34.00 2.25 34.88 27.878 23.5 2.684 34.00 2.25 34.88 27.878 23.5 2.684 34.00 2.25 34.88 27.878 23.6 2.785 35.00 2.00 34.88 27.878 23.6 2.785 35.00 2.00 34.88 27.878 23.6 2.785 35.00 2.00 34.88 27.878 23.6 2.785 35.00 2.00 34.88 27.878 23.6 2.785 35.00 2.00 34.88 27.878 23.6 2.785 35.00 2.00 34.88 27.878 23.6 2.785 35.00 2.00 34.88 27.878 23.6 2.785 35.00 2.00 34.88 27.878 23.8 2.785 35.00 2.00 34.88 27.878 23.8 2.785 35.00 2.00 34.88 27.878 23.8 2.785 35.00 2.00 34.88 27.878 23.8 2.785 35.00 2.00 34.88 27.878 23.8 2.785 35.00 2.00 34.88 27.878 23.8 2.785 35.00 2.00 34.89 27.878 23.00 2.00 34.89 27.878 24.00 2.889 27 | | 2.89 | | | 26.6 | 2.394 | | | 2.89 | | 27.861 | | 2.387 |
| 24.00 | 2700A | 2.88 | 34.92 | 27.854 | 25.6 | 2.438 | | | | 34.93 | | | |
| \$\frac{3000A}{2.70}\$ \begin{array}{cccccccccccccccccccccccccccccccccccc | | | | 27.860 | 25.2 | 2,482 | | | 2.79 | | | 24.3 | 2.473 |
| \$\frac{3}{5}00A \ 2.63 \ 34.91 \ 27.668 \ 24.4 \ 2.612 \ 31.00 \ 2.61 \ 34.92 \ 27.678 \ 23.5 \ 2.600 \ 3200A \ 2.52 \ 34.91 \ 27.678 \ 23.5 \ 2.655 \ 3200 \ 2.52 \ 34.91 \ 27.678 \ 23.5 \ 2.642 \ 33.00A \ 2.39 \ 34.89 \ 27.873 \ 24.0 \ 2.697 \ 3300 \ 2.40 \ 34.90 \ 27.868 \ 23.3 \ 2.684 \ 34.00A \ 2.25 \ 34.86 \ 27.873 \ 24.0 \ 2.697 \ 3500 \ 2.40 \ 34.90 \ 27.867 \ 23.5 \ 2.755 \ 36.00A \ 1.89 \ 34.86 \ 27.874 \ 25.9 \ 2.779 \ 3500 \ 2.00 \ 36.00 \ 1.85 \ 34.86 \ 27.875 \ 23.6 \ 2.765 \ 36.00A \ 1.89 \ 34.86 \ 27.874 \ 23.9 \ 2.860 \ 3600 \ 1.85 \ 34.82 \ 27.876 \ 23.7 \ 23.6 \ 2.805 \ 3700A \ 1.65 \ 34.82 \ 27.876 \ 23.7 \ 23.6 \ 2.805 \ 3700A \ 1.65 \ 34.80 \ 27.876 \ 23.7 \ 23.6 \ 2.805 \ 3800 \ 1.85 \ 34.80 \ 27.875 \ 23.80 \ 2.805 \ 3800 \ 1.48 \ 34.80 \ 27.876 \ 23.7 \ 28.92 \ 3900A \ 0.98 \ 34.75 \ 27.867 \ 27.867 \ 23.9 \ 2.895 \ 3900 \ 1.33 \ 34.78 \ 27.875 \ 24.5 \ 2.915 \ 4000A \ 0.66 \ 34.70 \ 27.847 \ 26.4 \ 2.931 \ 3900 \ 1.33 \ 34.78 \ 27.876 \ 24.5 \ 2.915 \ 4000A \ 0.40 \ 34.69 \ 27.855 \ 25.7 \ 2.993 \ 4100 \ 0.68 \ 34.67 \ 27.851 \ 26.1 \ 3.043 \ 4400A \ 0.25 \ 34.68 \ 27.855 \ 25.7 \ 3.047 \ 4300 \ 0.53 \ 34.68 \ 27.855 \ 26.0 \ 3.073 \ 4400A \ 0.25 \ 34.68 \ 27.855 \ 25.8 \ 3.073 \ 4400 \ 0.17 \ 34.67 \ 27.852 \ 26.0 \ 3.075 \ 4500A \ 0.23 \ 34.67 \ 27.848 \ 26.3 \ 3.100 \ 4000 \ 0.17 \ 34.67 \ 27.852 \ 26.0 \ 3.121 \ 4700A \ 0.23 \ 34.67 \ 27.848 \ 26.3 \ 3.127 \ 4600 \ 0.17 \ 34.67 \ 27.852 \ 26.0 \ 3.121 \ 4700A \ 0.23 \ 34.67 \ 27.848 \ 26.3 \ 3.170 \ 4600 \ 0.17 \ 34.67 \ 27.852 \ 26.0 \ 3.121 \ 4700A \ 0.23 \ 34.67 \ 27.848 \ 26.3 \ 3.170 \ 4600 \ 0.17 \ 34.67 \ 27.852 \ 26.0 \ 3.173 | | 2.77 | | | 24.6 | 2,525 | | | | | | | |
| 3200 A 2.52 34.91 27.878 23.5 2.695 3200 2.52 34.91 27.878 23.5 2.692 3500A 2.39 34.89 27.873 24.0 2.697 3300 2.40 34.90 27.867 22.7 2.725 3500A 2.99 34.86 27.877 23.6 2.739 3400 2.28 34.89 27.873 24.0 2.725 3500A 2.09 34.86 27.874 25.9 2.779 3500 2.08 34.86 27.877 23.6 2.765 3600A 1.89 34.83 27.866 24.7 2.820 3600 1.85 34.84 27.877 23.6 2.765 3700A 1.60 34.80 27.877 23.6 2.605 3700A 1.60 34.80 27.873 24.0 2.879 3500 1.85 34.84 27.877 23.6 2.605 3700A 1.60 34.80 27.875 24.0 2.879 3500A 0.98 34.75 27.862 27.874 23.9 2.856 3700 1.65 34.84 27.875 24.0 2.879 3500A 0.98 34.75 27.851 26.1 2.931 3900 1.33 34.78 27.867 24.5 2.915 4000A 0.66 34.70 27.847 26.4 2.931 3900 1.33 34.78 27.867 24.5 2.915 4000A 0.66 34.70 27.847 26.4 2.993 4100 0.88 34.73 27.858 25.4 2.983 4200 0.27 34.68 27.855 25.7 2.993 4100 0.88 34.73 27.858 25.4 2.983 4200 0.27 34.68 27.855 25.7 3.047 4300 0.53 34.69 27.855 25.7 3.047 4300 0.23 34.69 27.855 25.7 3.047 4300 0.33 34.69 27.855 26.0 3.073 4400 0.25 34.66 27.858 25.4 2.983 4400 0.25 34.66 27.855 25.7 3.047 4300 0.33 34.69 27.855 26.0 3.073 4400 0.25 34.67 27.848 26.3 3.100 4500 0.17 34.67 27.852 26.0 3.075 4400 0.23 34.67 27.848 26.3 3.100 4500 0.17 34.67 27.852 26.0 3.075 4400 0.23 34.67 27.848 26.3 3.100 4500 0.17 34.67 27.852 26.0 3.121 4700A 0.23 34.67 27.848 26.4 3.153 4700 0.17 34.67 27.852 26.0 3.121 4700A 0.24 34.67 27.848 26.4 3.153 4700 0.17 34.67 27.852 26.0 3.121 4700A 0.24 34.67 27.848 26.4 3.153 4700 0.17 34.67 27.852 26.0 3.121 4700A 0.24 34.67 27.848 26.4 3.150 4700 0.17 34.67 27.852 26.0 3.121 4700A 0.24 34.67 27.848 26.4 3.150 4700 0.17 34.67 27.852 26.0 3.121 4700A 0.24 34.67 27.848 26.4 3.150 4700 0.17 34.67 27.852 26.0 3.121 4700A 0.24 34.67 27.848 26.4 3.150 4700 0.17 34.67 27.852 26.0 3.121 4700A 0.24 34.67 27.848 26.4 3.150 4700 0.17 34.67 27.852 26.0 3.121 4700A 0.24 34.67 27.848 26.4 3.150 4700 0.17 34.67 27.852 26.0 3.127 4700A 0.24 34.67 27.848 26.4 3.150 4700 0.17 34.67 27.852 26.0 3.127 4700A 0.24 34.67 27.848 26.4 3.150 4700 0.17 34.67 27.852 26.0 3.127 | | 2.63 | | | 24.4 | 2.612 | | | | | | | |
| 3300A 2,39 34,89 27,873 24,0 2,677 3300 2,40 34,90 27,880 23.3 2,684 34,000 2,23 34,88 27,377 23.6 2,739 3400 2,23 34,86 27,875 23.8 2,765 3600A 1,89 34,86 27,874 25.9 2,779 3500 2,08 34,86 27,875 23.8 2,765 3600A 1,89 34,86 27,874 23.9 2,856 3600 1,85 34,84 27,877 23.6 2,805 3700A 1,60 34,80 27,874 23.9 2,856 3600 1,85 34,80 27,876 23.7 2,842 3600A 1,54 34,80 27,875 24.0 2,879 3900A 1,54 34,80 27,875 24.0 2,879 3900A 0,98 34,75 27,868 24,4 2,896 3800 1,48 34,80 27,873 24.0 2,879 4000A 0,98 34,75 27,851 26.1 2,931 3900 1,13 34,78 27,867 24,5 2,915 4100A 0,40 34,69 27,855 25,7 2,993 4100 0,88 34,75 27,856 25,4 2,983 4100 0,88 34,75 27,858 25,4 2,983 4400 0,27 34,68 27,855 25,7 2,993 4100 0,88 34,75 27,858 25,4 2,983 4400 0,25 34,66 27,855 25,7 3,047 4300 0,53 34,66 27,851 26.1 3,043 4400A 0,25 34,66 27,855 25,7 3,047 4300 0,53 34,66 27,851 26.1 3,043 4400A 0,25 34,66 27,858 25,3 3,047 4300 0,53 34,66 27,851 26.1 3,043 4400A 0,25 34,67 27,848 26.3 3,073 4400 0,17 34,67 27,852 26.0 3,070 4500A 0,23 34,67 27,848 26.3 3,170 4500 0,17 34,67 27,852 26.0 3,121 4700A 0,24 34,67 27,848 26.3 3,170 4500 0,17 34,67 27,852 26.0 3,121 4762A 0,23 34,67 27,848 26.3 3,170 4500 0,17 34,67 27,852 26.0 3,121 4762A 0,23 34,67 27,848 26.3 3,170 4500 0,17 34,67 27,851 26.1 3,173 | | | | 27.878 | | 2.655 | | | | | 27.878 | | |
| 3400A 2.25 34.86 27.377 23.6 2.739 3400 2.23 54.89 27.887 22.7 2.725 3500A 2.09 34.86 27.874 25.9 2.779 3500 2.08 34.86 27.875 23.8 2.765 3600A 1.89 34.83 27.866 24.7 2.862 3600 1.85 34.84 27.877 23.6 2.805 3700A 1.60 34.82 27.874 23.9 2.858 3700 1.65 34.82 27.877 23.6 2.805 3700A 1.60 34.82 27.874 23.9 2.858 3700 1.65 34.82 27.875 24.0 2.879 3900A 0.98 34.75 27.868 24.4 2.896 3800 1.48 34.80 27.875 24.0 2.879 3900A 0.98 34.75 27.857 26.1 2.931 3900 1.33 34.78 27.867 24.5 2.915 4000A 0.66 34.70 27.847 26.4 2.564 4000 1.1E 34.77 27.867 24.5 2.915 4100A 0.40 34.69 27.855 25.7 2.993 4100 0.88 34.73 27.858 25.4 2.983 4200A 0.27 34.68 27.855 25.7 2.993 4100 0.88 34.73 27.858 25.4 2.983 4400 0.27 34.68 27.855 25.7 3.047 4300 0.55 34.66 27.855 26.0 3.073 4400 0.25 34.67 27.848 26.3 3.073 4400 0.17 34.67 27.852 26.0 3.073 4500A 0.23 34.67 27.848 26.3 3.073 4400 0.17 34.67 27.852 26.0 3.079 4600A 0.23 34.67 27.848 26.3 3.127 4600 0.17 34.67 27.852 26.0 3.121 4700A 0.24 34.67 27.848 26.3 3.153 4700 0.17 34.67 27.852 26.0 3.121 4700A 0.24 34.67 27.848 26.3 3.153 4700 0.17 34.67 27.852 26.0 3.121 4700A 0.24 34.67 27.848 26.3 3.150 4600 0.17 34.67 27.852 26.0 3.121 4700A 0.24 34.67 27.848 26.3 3.150 4600 0.17 34.67 27.852 26.0 3.121 4700A 0.23 34.67 27.848 26.3 3.150 4600 0.17 34.67 27.852 26.0 3.121 4762A 0.23 34.67 27.848 26.3 3.150 4600 0.17 34.67 27.852 26.0 3.121 4762A 0.23 34.67 27.848 26.4 3.153 4700 0.17 34.67 27.852 26.0 3.121 4762A 0.23 34.67 27.848 26.4 3.153 4700 0.17 34.67 27.852 26.0 3.121 4762A 0.23 34.67 27.848 26.4 3.153 4700 0.17 34.67 27.852 26.0 3.121 | | | | 27.873 | 24.0 | 2.697 | | | 2.40 | 34.90 | 27.880 | 23,3 | 2.684 |
| 3600A 1.89 34.83 27.866 24.7 2.820 3600 1.85 34.82 27.877 23.6 2.805 5700A 1.60 34.82 27.874 23.9 2.856 3700 1.65 34.82 27.873 24.0 2.812 3900A 1.54 34.60 27.868 24.4 2.896 3800 1.48 34.80 27.873 24.0 2.812 3900A 0.98 34.75 27.851 26.1 2.931 3900 1.33 34.78 27.867 24.5 2.950 4000A 0.66 34.70 27.855 25.7 2.993 4100 0.88 34.73 27.858 25.4 2.983 4200A 0.27 34.68 27.855 25.7 2.993 4100 0.88 34.69 27.858 25.4 2.983 4300A 0.25 34.68 27.855 25.7 3.093 4200 0.53 34.69 27.851 26.4 3.014 | | | | 27.377 | | | | | 2.23 | 34.89 | 27.887 | 22.7 | 2.725 |
| \$700A 1.60 \$4.82 27.874 23.9 2.856 \$700 1.65 34.82 27.876 23.7 2.842 2860 1.54 34.80 27.876 23.7 2.842 2860 1.54 34.80 27.876 23.7 2.842 2860 1.54 34.80 27.875 24.0 2.679 2860 1.54 34.80 27.876 24.5 2.915 2860 1.54 34.80 27.875 24.0 2.679 2860 1.53 34.78 27.867 24.5 2.915 2860 1.53 34.78 27.867 24.5 2.915 2860 1.53 34.78 27.867 24.5 2.915 2860 1.53 34.67 27.868 27.855 25.7 2.93 4100 0.88 34.77 27.870 24.3 2.950 24.00 0.40 34.69 27.855 25.7 2.993 4100 0.88 34.73 27.858 25.4 2.983 2800 0.27 34.68 27.854 25.8 3.020 4200 0.53 34.68 27.854 25.4 3.014 2800 0.25 34.68 27.855 25.7 3.047 4300 0.33 34.68 27.851 26.1 3.043 2800 0.25 34.67 27.848 26.3 3.073 4400 0.17 34.67 27.852 26.0 3.073 2800 0.23 34.67 27.848 26.3 3.100 4500 0.16 34.67 27.852 26.0 3.075 2800 0.23 34.67 27.848 26.3 3.127 4600 0.17 34.67 27.852 26.0 3.095 2800 0.24 34.67 27.848 26.3 3.127 4600 0.17 34.67 27.852 26.0 3.127 2800 0.24 34.67 27.848 26.3 3.127 4600 0.17 34.67 27.852 26.0 3.127 2800 0.24 34.67 27.848 26.3 3.127 4600 0.17 34.67 27.852 26.0 3.127 2800 0.24 34.67 27.848 26.3 3.127 4600 0.17 34.67 27.852 26.0 3.127 2800 0.24 34.67 27.848 26.3 3.127 4600 0.17 34.67 27.852 26.0 3.127 2800 0.24 34.67 27.848 26.3 3.127 4600 0.17 34.67 27.852 26.0 3.127 2800 0.24 34.67 27.848 26.3 3.127 4600 0.17 34.67 27.852 26.0 3.127 2800 0.24 34.67 27.848 26.3 3.127 4600 0.17 34.67 27.852 26.0 3.127 2800 0.24 34.67 27.848 26.3 3.127 4600 0.17 34.67 27.852 26.0 3.127 2800 0.24 34.67 27.848 26.3 3.127 2800 0.19 34.67 27.852 26.0 3.127 2800 0.25 28 | | | | 27.874 | | | | | 2.08 | | 27.875 | 23.8 | 2.765 |
| 5800A 1.54 34.60 27.868 24.4 2.896 3800 1.48 34.80 27.873 24.0 2.879 5900A 0.98 34.75 27.851 26.1 2.931 3900 1.33 34.78 27.867 24.5 2.950 4000A 0.66 34.70 27.858 25.7 2.993 4100 0.88 34.73 27.858 25.4 2.983 4200A 0.27 34.69 27.855 25.7 2.993 4100 0.88 34.67 27.858 25.4 2.983 4200A 0.27 34.69 27.855 25.7 2.993 4100 0.88 34.67 27.858 25.4 2.983 4400A 0.25 34.68 27.855 25.7 3.047 4300 0.53 34.66 27.851 26.1 3.043 4400A 0.25 34.67 27.848 26.3 3.073 4400 0.17 34.67 27.852 26.0 3.073 | | 1.68 | | | | | | | | | | 23.6 | 2,843 |
| 5900A 0.98 34.75 27.851 26.1 2.931 3900 1.33 34.76 27.867 24.5 2.955 4000A 0.66 34.75 27.857 26.4 2.956 4100A 0.40 34.69 27.855 25.7 2.993 4100 0.88 34.73 27.858 25.4 2.983 4200A 0.27 34.68 27.855 25.7 2.993 4100 0.88 34.73 27.858 25.4 2.983 4900A 0.27 34.68 27.855 25.7 3.047 4300 0.53 34.69 27.851 26.4 3.014 4400A 0.23 34.67 27.848 26.3 3.073 4400 0.17 34.67 27.852 26.0 3.075 4600A 0.23 34.67 27.848 26.3 3.127 4600 0.17 34.67 27.852 26.0 3.121 4700A 0.24 34.67 27.848 26.3 3 | 3F004 | 1.54 | 34.60 | 27.868 | | | | | | | | | |
| \$\text{100} \text{A} 0.40 34.69 27.855 25.7 2.993 4100 0.68 34.73 27.858 25.4 2.983 \$4200 \text{A} 0.27 34.68 27.855 25.7 3.020 4200 0.53 34.69 27.851 26.1 3.014 \$400 \text{A} 0.25 34.67 27.848 26.3 3.073 4400 0.17 34.67 27.852 26.0 3.070 \$4500 \text{A} 0.23 34.67 27.848 26.3 3.127 4600 0.17 34.67 27.852 26.0 3.121 \$4700 \text{A} 0.24 34.67 27.848 26.3 3.153 4700 0.17 34.67 27.852 26.0 3.121 \$4762 \text{A} 34.67 27.848 26.3 3.153 4700 0.17 34.67 27.852 26.0 3.121 \$4762 \text{A} 34.67 27.848 26.3 3.170 4600 0.17 34.67 27.852 26.0 < | 39004 | 0.98 | 34.73 | 27.851 | 26.1 | 2,931 | | 3900 | | | | | |
| 4200 A 0.27 34.68 27.854 25.8 3.020 4200 0.53 34.69 27.847 26.4 3.014 4300 A 0.25 34.68 27.855 25.7 3.047 4300 0.33 34.68 27.852 26.0 3.070 4500 A 0.23 34.67 27.848 26.3 3.100 4500 0.17 34.67 27.852 26.0 3.070 4600 A 0.23 34.67 27.848 26.3 3.127 4600 0.17 34.67 27.852 26.0 3.127 4700 A 0.24 34.67 27.848 26.4 3.153 4700 0.17 34.67 27.852 26.0 3.127 4762 A 0.23 34.67 27.848 26.3 3.170 4800 0.19 34.67 27.851 26.1 3.173 | | | 34.70 | | | | | | | | | | |
| 4300 | | | | 27.855 | 25. | 3.020 | | | | | | | |
| 4400A 0.23 34.67 27.848 26.3 3.073 4400 0.17 34.67 27.852 26.0 3.070 4500A 0.23 34.67 27.848 26.3 3.100 4500 0.16 34.67 27.852 26.0 3.095 4600A 0.23 34.67 27.848 26.3 3.127 4600 0.17 34.67 27.852 26.0 3.121 4700A 0.24 34.67 27.848 26.4 3.153 4700 0.17 34.67 27.852 26.0 3.147 4762A 0.23 34.67 27.648 26.3 3.170 4600 0.19 34.67 27.851 26.1 3.173 | | | | | | | | | | | | | |
| 4500 | 4400A | 0.23 | 34.67 | 27.848 | | 3.073 | | | 0.17 | | 27.852 | | |
| 4700A 0.24 34.67 27.848 26.4 3.153 4700 0.17 34.67 27.852 26.0 3.147 4762A 0.23 34.67 27.648 26.3 3.170 4600 0.19 54.67 27.851 26.1 3.173 | | 0.23 | 34.67 | | | 3.100 | | 4500 | 0.16 | 34.67 | 27.852 | 26.0 | 3,095 |
| 47624 0.23 34.67 27.848 26.3 3.170 4600 0.19 54.67 27.851 26.1 3.173 | | 0.23 | 34.67 | | | 3.127 | | | | | | 26.0 | |
| | | | | | | 3.170 | | | | 54.67 | 27.852 | 26.0 | 3,147 |
| | | | | | | | | | | | | | |

| | LATITUD | E LO | ONGI | TUDE | MO/D | AY/YR | MESS | ENGER | TIME | POTTOM | WIND | SPEED | WEATHER | DUMIN | ATIT WAVES | |
|-------|---------|--------|------|-------|------|-------|------|-------|-------|--------|-------|--------|---------|--------|------------|-------|
| | 31 54.7 | S . | 58 5 | 7.0W | 11/1 | 5/72 | 0750 | 0956 | GMT | 4040M | 150 | 15KT | 1 | 16 | 0 10 | |
| Z | 7 | s | | 02 | P04 | \$103 | 1102 | NO3 | DT | Z | 1 | s | 02 | 5161 | UT | UD |
| 1 | 18.98 | 35.99 | | 5.44 | 0.03 | 1.0 | 0.01 | 0.0 | 220.3 | 0 | 18.98 | 35.994 | 5.44 | 25.803 | 220.3 | 0.000 |
| 43 | 18.60 | 36.01 | 3 | 5.58 | 0.04 | 0.8 | 0.00 | 0.0 | 209.7 | 10 | 18.89 | 35.999 | 5.49 | 25.831 | 217.6 | 0.022 |
| 85 | 18.31 | 35,999 | 9 | 5.46 | 0.04 | 1.0 | 0.00 | 0.0 | 203.8 | 20 | 18.80 | 36.005 | 5.54 | 25.859 | 214.9 | 0.044 |
| 934 | 18.12 V | 35.98 | 1 V | 5.48V | 0.10 | 1.2 | 0.01 | 0.0 | | 30 | 18.71 | 36.009 | 5.56 | 25.885 | 212.5 | 0.065 |
| 107 | 18.07 | 35.96 | 7 | 5.41 | 0.06 | 1.0 | 0.00 | U. U | 200.4 | 50 | 18.56 | 36.013 | 5.57 | 25.926 | 208.€ | 0.107 |
| 128 | 17.63 | 35,92 | 5 | 5.52 | 0.09 | | 0.11 | 0.1 | 193.1 | 75 | 18.58 | 36.005 | 5.50 | 25.963 | 205.0 | 0.160 |
| 195A | 16.61 | 35.83 | | 5.40 | 0.19 | | 0.04 | 1.1 | 176.3 | 100 | 18.16 | 35.977 | 5.42 | 25.998 | 201.7 | 0.211 |
| 2974 | 15.00 | 35.57 | 0 | 5.00 | 0.54 | | 0.01 | 5.4 | 160.9 | 125 | 17.70 | 35.930 | 5.50 | 26.076 | 194.3 | 0.262 |
| | 13.76 | 35,40 | 6 | 5.00 | 0.55 | 3.1 | | 7.9 | 147.6 | 150 | 17.26 | 35.895 | 5.48 | 26.155 | 186.8 | 0.311 |
| 502A | 12.00 | 35,11 | 2 | 4.84 | 0.90 | 4.8 | | 12.7 | 135.6 | 200 | 16.53 | 35.823 | 5.38 | 26.276 | 175.3 | 0.404 |
| 707A | 6.74 | 34.42 | 3 | 5.39 | 1.66 | 11.3 | | 23.8 | 104.7 | 250 | 15.72 | 35.695 | 5.18 | 26.363 | 167.1 | 0.493 |
| 809A | 5.19 | 34.29 | | 5.65 | 1.77 | | 0.00 | 26.2 | 95.3 | 300 | 14.96 | 35.565 | 5.00 | 26.433 | 160.4 | 0.579 |
| 911A | 4.54 | 34.29 | 3 | 5.37 | 1.95 | 22.1 | | 28.6 | 88.8 | 400 | 13.76 | 35.406 | 5.00 | 26.569 | 147.6 | 0.743 |
| 1267A | 3.00 | 34.38 | 5 | 4.74 | 2.23 | 49.2 | | 33.2 | 67.2 | 500 | 12.04 | 35.118 | 4.84 | 26.692 | 135.9 | 0.897 |
| 1421A | 2.82 | 34.48 | 6 | 4.46 | 2.25 | 58.2 | | 33.5 | 58.0 | 600 | 9.45 | 34.733 | 5.03 | 26.855 | 120.4 | 1.038 |
| 1676A | 2.83 | 34.67 | 0 | 4.57 | 2.11 | 61.5 | | 30.7 | 44.2 | 700 | 6.91 | 34.441 | 5.36 | 27.011 | 105.7 | 1.162 |
| 1982A | 2.97 | 34.80 | 9 | 5.07 | 1.76 | 49.2 | 0.00 | 26.5 | 34.9 | 800 | 5.29 | 34.307 | 5.64 | 27.113 | 96.0 | 1.273 |
| 23394 | 3.09 | 34.91 | 3 | 5.69 | 1.46 | 33.4 | | 21.8 | 28.1 | 1000 | 4.03 | 34.297 | 5.19 | 27.246 | 83.3 | 1.471 |
| 2647A | 2.96 | 34.92 | 5 | 5.85 | 1.39 | 32.1 | | 21.0 | 26.2 | 1200 | 3.19 | 34.353 | 4.84 | 27.374 | 71.2 | 1.642 |
| 2852A | 2.83 | 34.91 | 8 | 5.74 | 1.39 | 34.1 | | 21.1 | 25.5 | 1500 | 2.82 | 34.548 | 4.49 | 27.563 | 53.4 | 1.856 |
| 3263A | 2.631 | 34.91 | 1 | 5.82 | 1.45 | 58.0 | | 21.2 | 24.4 | 1750 | 2.86 | 34.710 | 4.67 | 27.688 | 41.5 | 2.001 |
| 3625A | 1.916 | 34.84 | 2 | 5.62 | 1.67 | 66.0 | 0.00 | 24.7 | 23.9 | 2000 | 2.98 | 34.616 | 5.11 | 27.762 | 34.5 | 2.127 |
| 3987A | 1.221 | 34.76 | 5 | 5.34 | 1.97 | 96.2 | | 28.8 | 24.9 | 2250 | 3.08 | 34.894 | 5.56 | 27.816 | 29.4 | 2.245 |
| 4040A | 1,158 | 34.75 | 6 | 5,29 | 1.97 | 100.0 | 0.00 | 29.1 | 25.2 | 2500 | 3.04 | 34.923 | 5.77 | 27.842 | 26.9 | 2.358 |
| | | | | | | | | | | 2750 | 2.89 | 34.920 | 5.80 | 27,853 | 25.8 | 2.470 |
| | | | | | | | | | | 3000 | 2.79 | 34.918 | 5.76 | 27.861 | 25.0 | 2,580 |
| | | | | | | | | | | 3250 | 2.64 | 34.911 | 5.82 | 27.869 | 24.4 | 2,691 |
| | | | | | | | | | | 3500 | 2.19 | 34.867 | 5.71 | 27.072 | 24.1 | 2.798 |
| | | | | | | | | | | 3750 | 1,65 | 34.812 | 5.53 | 27.870 | 24.1 | 2.896 |
| | | | | | | | | | | 4000 | 1.20 | 34.762 | 5.33 | 27.862 | 25.0 | 2.987 |

| | | RV | MELVILL | Ε. | | | | CATO | EXPEDITIO | N VI | | | | | |
|-------|---------|--------|---------|------|---------------|------|---------------|-------|-----------------|-------------|---------------|---------|-------------|----------|-------|
| | LATITUD | | S5.1W | | AY/YR 5/72 | | ENGER 1928 | TIME | HOTTOM 4005M | WIND 180 | SPEED 14KT | WEATHER | DOMIN 18 | ANT WAVE | S |
| | | | | | | | | | | | | | | | |
| Z | T | S | 02 | P04 | \$103 | N05 | NO3 | DT | Z | 1 | S | 0.2 | SIGT | DT | DD |
| 0 | 19.75 | 36,163 | 5.33 | 0.02 | 1.2 | 0.00 | 0.0 | 226.5 | 0 | 19.73 | 36.163 | 5.33 | 25.737 | 226.5 | 0.000 |
| 41 | 19.47 | 36,162 | 5.36 | 0.01 | 1.0 | 0.00 | 0.0 | 220.1 | 10 | 19.66 | 36.162 | 5.34 | 25.755 | 224.8 | 0.023 |
| 73A | 19.30 | 36,154 | 3.32 | 0.08 | 1.0 | 0.00 | 0.0 | 216.5 | 20 | 19.60 | 36,162 | 5.34 | 25,772 | 223.1 | 0.045 |
| 83 | 19.00 | 36,119 | 5.34 | 0.03 | 1.0 | 0.00 | 0.0 | 211.7 | 30 | 19.54 | 36.162 | 5.35 | 25.788 | 221.6 | 0.067 |
| 105 | 18.22 | 35,961 | 5.37 | 0.07 | 1.0 | 0.00 | 0.0 | 204.4 | 50 | 19.42 | 36.158 | 5.34 | 25.815 | 219.1 | 0.112 |
| 125A | 17.46 | 35.867 | 5.23 | 0.18 | 1.2 | 0.10 | 0.6 | 193.4 | 75 | 19.25 | 36.147 | 5.32 | 25.852 | 215.6 | 0.167 |
| 126 | 17.45 | 35,861 | 5,23 | 0.11 | 1.3 | 0.10 | 0.6 | 193.6 | 100 | 18.41 | 35.998 | 5.36 | 25.952 | 206.1 | 0.220 |
| 229A | 15,22 | 35,599 | 5.00 | 0.47 | 2.1 | 0.01 | 5.0 | 163.4 | 125 | 17.46 | 35.867 | 5.23 | 26.085 | 193.4 | 0.271 |
| 333A | 14.01 | 35.434 | 4.99 | 0.60 | 2.7 | | 7.6 | 150.5 | 150 | 16.99 | 35.761 | 5.19 | 26,118 | 190.3 | 0.320 |
| 436A | 12.69 | 35.224 | 4.91 | 0.80 | 3.7 | | 10.8 | 140.2 | 200 | 15.92 | 35.628 | 5.08 | 26,268 | 176.1 | 0.415 |
| 641A | 8.54 | 34.654 | 4.83 | 1.47 | 9.8 | | 21.1 | 112.4 | 250 | 14.94 | 35.564 | 5.00 | 26,438 | 160.0 | 0.502 |
| 744A | 6.23 | 34.414 | 5.14 | 1.72 | 14.1 | | 25.0 | 98.9 | 300 | 14.54 | 35.485 | 4.99 | 26,506 | 153.5 | 0.585 |
| 847A | 4.99 | 34.311 | 5.37 | 1.85 | 18.2 | | 27.2 | 92.2 | 400 | 13.19 | 35.304 | 4.94 | 26.608 | 143.8 | 0.743 |
| 1206A | 3,22 | 34.379 | 4.72 | 2.23 | 44.5 | | 32.5 | 69.6 | 500 | 11.54 | 35.049 | 4.89 | 26.733 | 132.0 | 0.893 |
| 1361A | 2.91 | 34,463 | 4.51 | 2.27 | 54.2 | | 33.0 | 60.5 | 600 | 9.47 | 34.767 | 4.85 | 26.878 | 118.3 | 1.030 |
| 1574p | 2.83 | 34.599 | 4.61 | 2.18 | 58.9 | 0.00 | 31.7 | 49.6 | 700 | 7.16 | 34.503 | 5.00 | 27.026 | 104.2 | 1.153 |
| 1826P | 2.89 | 34.729 | 4.61 | 1.97 | 56.5 | | 29.1 | 40.3 | 800 | 5.47 | 34.348 | 5.28 | 27,125 | 94.9 | 1.263 |
| 2117P | 3.24 | 34.881 | 5.35 | 1.55 | 35.9 | | 23.4 | 31.9 | 1000 | 3.90 | 34.292 | 5.22 | 27.255 | 82.4 | 1.458 |
| 2366p | 3.23 | 34.922 | 5.69 | 1.40 | 29.0 | | 21.3 | 28.7 | 1200 | 3.23 | 34.376 | 4.74 | 27.388 | 69.9 | 1.628 |
| 2530p | 3.16 | 34.931 | 5.70 | 1.36 | 28.4 | | 20.9 | 27.4 | 1500 | 2.86 | 34.556 | 4.55 | 27.565 | 53.1 | 1.840 |
| 2856P | 2.950 | 34.934 | 5.84 | 1.36 | 30.4 | 0.00 | 20.5 | 25.3 | 1750 | 2.87 | 34.694 | 4.61 | 27.674 | 42.8 | 1.986 |
| 3140P | 2.599 | 34.891 | 5.64 | 1.48 | 43.7 | | 22.5 | 25.6 | 2000 | 3.10 | 34.626 | 5.03 | 27.758 | 34.8 | 2.115 |
| 3451P | 2.066 | 34.837 | 5.44 | 1.68 | 64.7 | | 25.0 | 25.5 | 2250 | 3.23 | 34.906 | 5.57 | 27.810 | 29.9 | 2.236 |
| 3488P | 1.98 | 34.844 | 5,52 | 1.64 | 63.4 | 0.00 | 24.6 | 24.3 | 2500 | 3.18 | 34.929 | 5.70 | 27.834 | 27.6 | 2.353 |
| | | | | | | | | | 2750 | 3.03 | 34.935 | 5.81 | 27.852 | 25.8 | 2.467 |
| | | | | | | | | | 3000 | 2.79 | 34.913 | 5.76 | 27.857 | 25.5 | 2.580 |
| | | | | | | | | | 3250 | 2.44 | 34.874 | 5.57 | 27.856 | 25.6 | 2.690 |
| | | | | | | | | | *500 | . 94 | 20 000 | | | 211 0 | 0 707 |

| | | 15 ST | , | | CATO E | XPEDITION | VI | | | 16 ST | D | |
|----------------|-------|-----------------------|-------------------|-------|-----------|-----------|----------------|-------|-----------------------|---------|---------------|------------------------|
| LATIT 31 54 | | LONGITUDE 38 57.0w | MO/DAY/ 11/15/ | | TART TIME | | LATIT 31 54 | | LONGITUDE 39 55.1W | MO/DAY/ | | START TIME 1547 GMT |
| 7 | T | S | SIGMA T | 0.1 | DD | | Z | | S | SIGMA T | DT | DD |
| | | | | | | | | | | | | |
| 0 | 19.24 | 36.05 | 25.779 | 222.6 | 0.000 | | 10 | 19.84 | 36.21 | 25.744 | 225.9 | |
| 20 | 19.18 | 36.05 | 25.794 | 214.5 | 0.022 | | 20 | 19.82 | 36.20 36.16 | 25.741 | 226.1 | |
| 30 | 18.69 | 36.03 | 25.904 | 210.6 | 0.065 | | 30 | 19.68 | 36.17 | 25.755 | 224.7 | |
| 40 | 18.61 | 36.02 | 25.917 | 209.4 | 0.087 | | 40 | 19.47 | 36.16 | 25.803 | 220.3 | |
| 50 | 18,60 | 36.01 | 25.912 | 209.9 | 0.108 | | 50 | 19.45 | 36.15 | 25.800 | 220.5 | 0.112 |
| 60 | 18.57 | 36.01 | 25.919 | 209.2 | 0.129 | | 60 | 19.40 | 36.15 | 25.813 | 219.2 | 0.135 |
| 70 | 18.53 | 36.01 | 25.930 | 208.2 | 0.150 | | 70 | 19.30 | 36.14 | 25.832 | 217.5 | 0.157 |
| 8.0 | 18.45 | 36.01 | 25.950 | 206.3 | 0.171 | | 80 | 19.01 | 36.11 | 25.884 | 212.6 | 0.179 |
| 90 | 18.31 | 36.01 | 25.985 | 203.0 | 0.192 | | 90 | 18.92 | 36.08 | 25.884 | 212,6 | |
| 100 | 18.22 | 36.01 | 26.007 | 200.6 | 0.212 | | 100 | 18.42 | 35.99 | 25.942 | 207.0 | 0.221 |
| 125 | 17.95 | 35.97 35.93 | 26.044 | 197.4 | 0.263 | | 125 150A | 17.45 | 35.85 | 26.075 | 194.4 | 0.273 |
| 150A 200A | 16.58 | 35.85 | 26.283 | 174.7 | 0.404 | | 200A | 15.98 | 35.67 | 26.284 | 174.5 | |
| 2504 | 15.64 | 35.66 | 26.354 | 167.9 | 0.494 | | 250A | 15.13 | 35.56 | 26.392 | 164.3 | |
| 300A | 14.97 | 35.61 | 26.466 | 157.3 | 0.579 | | 300A | 14.47 | 35.48 | 26.475 | 156.5 | 0.589 |
| 350A | 14.43 | 35.54 | 26.530 | 151.3 | 0.661 | | 350A | 13.98 | 35.41 | 26.526 | 151.7 | 0.671 |
| 400A | 13.80 | 35.44 | 26.587 | 145.9 | 0.741 | | 400A | 13.23 | 35.26 | 26.566 | 147.9 | 0.751 |
| 450A | 12.85 | 35.28 | 26,658 | 139.1 | 0.818 | | 450A | 12.62 | 35.20 | 26.642 | 140.6 | 0.828 |
| 500A | 12.10 | 35.14 | 26.697 | 135.4 | 0.893 | | 500A | 11.64 | 34.99 | 26.668 | 138.1 | 0.904 |
| 550A | 11.11 | 34.99 | 26.767 | 128.8 | 0.965 | | 550A | 10.23 | 34.83 | 26.799 | 125.7 | |
| 600A | 9.96 | 34.63 | 26.846 | 121.5 | 1.034 | | 600A | 9.19 | 34.70 | 26.873 | 118.8 | |
| 650A | 8.33 | 34.62 | 26.946 | 111.6 | 1.099 | | 650A 700A | 8.21 | 34.56 | 26.918 | 114.5 | |
| 700A 750A | 5.73 | 34.45 | 27.079 | 99.2 | 1.216 | | 750A | 7.08 | 34.44 | 26.988 | 107.8 | |
| 800A | 5.22 | 34.30 | 27.117 | 95.6 | 1.269 | | 800A | 5.45 | 34.32 | 27.106 | 101.7 96.7 | |
| 850A | 4.88 | | 27.165 | 91.1 | 1.320 | | 850A | 4.96 | 34.29 | 27.140 | 93.5 | |
| 900A | 4.53 | | 27.188 | 88.9 | 1.370 | | 900A | 4.62 | 34.28 | 27.170 | 90.6 | |
| 950A | 4.29 | | 27.214 | 86.5 | 1.416 | | 950A | 4.30 | 34.27 | 27.197 | 88.1 | |
| 1000A | 4.03 | | 27.233 | 84.6 | 1.466 | | 1000A | 3.97 | 34.28 | 27.239 | 84.0 | |
| 1100A | 3.52 | | 27.308 | 77.5 | 1.555 | | 1100A | 3.56 | 34.31 | 27.302 | 78.1 | |
| 1200A | 3.19 | | 27.379 | 70.8 | 1.638 | | 1200A | 3.27 | 34.35 | 27.364 | 72.2 | |
| 1300A | 2.98 | 34.42 | 27.447 | 64.4 | 1.714 | | 1300A | 3.06 | 34.43 | 27.447 | 64.3 | 1.731 |
| 140CA | 2.85 | | 27.498 | 59.5 | 1.785 | | 1400A | 2.85 | 34.47 | 27.498 | 59.5 | |
| 1500A 1600A | 2.80 | | 27.565 | 47.8 | 1.910 | | 1500A 1600A | 2.80 | 34.53 | 27.550 | 54.6 | |
| 1700A | 2.84 | 34.68 | 27.666 | 43.6 | 1.967 | | 1700A | 2.81 | 34.61 | 27.613 | 48.6 | |
| 1800A | 2.86 | | 27.704 | 40.0 | 2.020 | | 1800A | 2.86 | 34.71 | 27.688 | 41.5 | |
| 19004 | 2.91 | | 27.740 | 36.6 | 2.071 | | 1900A | 2.90 | 34.77 | 27.733 | 37.3 | |
| 20004 | 3.01 | | 27.770 | 33.7 | 2.119 | | 2000A | 3.07 | 34.83 | 27.765 | 34.2 | 2.142 |
| 210CA | 5.08 | 34.87 | 27.796 | 31.3 | 2.166 | | 2100A | 3.18 | 34.87 | 27.786 | 32.2 | |
| 2200A | 3.11 | 34.90 | 27.817 | 29.3 | 2,212 | | 2200A | 3.22 | 34.90 | 27.806 | 30.3 | |
| 230CA | 3.09 | | 21.827 | 28.4 | 2,258 | | 2300A | 3.22 | 34.93 | 27.830 | 28.0 | |
| 2400A | 3.07 | 34.92 | 27.836 | 27.4 | 2,303 | | 2400A | 3.18 | 34.93 | 27.834 | 27.7 | |
| 250CA | 3.04 | | 27.847 | 26.4 | 2.347 | | 2500A | 3.15 | 34.94 | 27.845 | 26.6 | |
| 2600A 2700A | 2.95 | | 27.851 | 26.1 | 2.391 | | 2600A 2700A | 3.09 | 34.94 | 27.851 | 26.1 | |
| 28004 | 2.87 | 34.92 | 27.855 | 25.7 | 2.481 | | A0085 | 2.97 | 34.94 | 27.862 | 25.8 | 2.510 |
| 29004 | 2.82 | 34.92 | 27.859 | 25.3 | 2,525 | | 2900A | 2.91 | 34.93 | 27.859 | 25.3 | 2,554 |
| 3000A | 2.78 | 34.92 | 27.863 | 24.9 | 2,569 | | 3000A | 2.80 | 34.92 | 27.861 | 25.1 | |
| 31004 | 2.74 | 34.92 | 27.867 | 24.6 | 2.614 | | 3100A | 2.63 | 34.90 | 27.860 | 25.2 | 2.643 |
| 320CA | 2.68 | 34.91 | 27.864 | 24.6 | 2.658 | | 3200A | 2.50 | 34.88 | 27.856 | 25.6 | |
| 3300A | 2.64 | 34.91 | 27,867 | 24.5 | 2.703 | | 3300A | 2.34 | 34.87 | 27.861 | 25.1 | 2.731 |
| 3400A | 2.50 | | 27.872 | 24.1 | 2.747 | | 3400A | 2.06 | 34.84 | 27.860 | 25.2 | 2.772 |
| 3500A | 2.33 | | 27.862 | 25.0 | 2.790 | | 3500A | 1.85 | 34.83 | 27.869 | 24.4 | 2,812 |
| 3600A | 2.06 | | 27.868 | 24.4 | 2.832 | | 3600A | 1.38 | 34.78 | 27.864 | 24.9 | |
| 3700A | 1.84 | 34.83 | 27.870 | 24.3 | 2.873 | | 3700A | 0.93 | 34.73 | 27.854 | 25.7 | |
| 3800A | 1.57 | | 27.866 | 24.6 | 2.911 | | 3800A | 0.63 | 34.70 | 27.849 | 26.2 | |
| 3900A 4000A | 1.36 | | 27.857 | 25.5 | 2.948 | | 3900A 4000A | 0.42 | | 27.854 | 25.8 | |
| 4074A | 0.92 | | 27.855 | 25.7 | 3.009 | | TUUUA | 0.36 | 34.68 | 27.849 | 26.3 | 2.972 |
| -0,-48 | | | 2000 | 2001 | 0.007 | | | | | | | |

CATO EXPEDITION VI

3750

2.816

18

| | | RV I | ELVILL | E | | | | CATO | EXPEDITI | DIV VI | | | | | |
|-----|---------|----------|---------------|------|-------|------|---------------|-------------|-----------------|-------------|---------------|---------|--------|-----------|-------|
| | 15 26.5 | | TUDE 29.0W | | AY/YR | | ENGER 0559 | TIME GMT | BOTTOM 4839M | WIND 160 | SPEED 12KT | WEATHER | | ANT WAVES | |
| Z | 1 | S | 02 | P04 | \$103 | N02 | NO3 | DT | Z | T | S | 0.5 | SIGT | DT | 00 |
| 0 | 18.36 | 35,949 | 5.46 | 0.09 | 1.4 | 0.00 | 0.0 | 208.6 | 0 | 18.56 | 35,949 | 5.46 | 25,926 | 208.6 | 0.001 |
| 41 | 17.94 | 35,998 | 5,53 | 0.07 | 1.0 | 0.00 | 0.0 | 195.1 | 10 | 18.26 | 35.943 | 5.48 | 25.948 | 206.5 | 0.02 |
| 63 | 17,34 | 35,979 | 5.54 | 0.10 | | 0.00 | 0.0 | 182.5 | 20 | 18.16 | 35.949 | 5.50 | 25,978 | 203.6 | 0.04 |
| 05 | 17.00 | 35,958 | 5.40 | 0.15 | | 0.05 | 0.9 | 176.3 | 30 | 18.05 | 35.966 | 5.52 | 26.016 | 200.0 | 0.06 |
| 25A | 16,62 V | 35,901 V | 5.26V | 0.24 | 1,5 | 0.02 | 1.9 | | 50 | 17.69 | 35.990 | 5.53 | 26.124 | 189.8 | 0.10 |
| 26 | 16.77 | 35,923 | 5.27 | 0.23 | | 0.02 | 1.8 | 173.6 | 75 | 17.20 | 35.974 | 5.52 | 26.232 | 179.5 | 0.14 |
| 58 | 16.09 | 35,786 | 5.12 | 0.34 | 1.5 | 0.02 | 5.4 | 168.5 | 100 | 17.02 | 35.961 | 5.43 | 26,265 | 176.4 | 0.19 |
| 03A | 15,10 | 35,642 | 5.06 | | | 200 | | 157.7 | 125 | 16.78 | 35.924 | 5.28 | 26,293 | 173.7 | 0.23 |
| BOA | 14.59 | 35,583 | 5.31 | 1.49 | 2.2 | 0.02 | 15.4 | 151.4 | 150 | 16.28 | 35.822 | 5.15 | 26.333 | 169.9 | 0.28 |
| 85A | 13,40 | 35,352 | 5.11 | 0.75 | 3.1 | 0.01 | B.7 | 144.4 | 200 | 15.16 | 35.648 | 5.06 | 26,454 | 158.4 | 0.36 |
| 404 | 8,47 | 34.583 | 5.20 | 1.30 | 7.6 | 0.01 | 19.5 | 116.6 | 250 | 14.72 | 35.598 | 5.21 | 26,512 | 152.9 | 0.44 |
| 95A | 5.19 | 34.248 | 5.97 | 1.69 | 11.8 | | 24.2 | 99.2 | 300 | 14.45 | 35.558 | 5.29 | 26.539 | 150.4 | 0.52 |
| ACO | 4.09 | 34.227 | 5.89 | 1.96 | 19.9 | | 27.4 | 89.2 | 400 | 12.97 | 35.272 | 5.12 | 26.628 | 142.0 | 0.68 |
| 07A | 2.95 | 34.313 | 5.08 | 2.24 | 42.3 | | 32.4 | 72.2 | 500 | 9.84 | 34.765 | 5.18 | 26.815 | 124.3 | 0.82 |
| 12A | | 34.441 | 4.54 | 2.25 | 57.8 | | 33.5 | 60.3 | 600 | 6.98 | 34.411 | 5.50 | 26.979 | 108.7 | 0.95 |
| 164 | | 34.585 | 4.35 | 2.23 | 60.6 | 0.00 | 32.1 | 50.6 | 700 | 5.14 | 34.246 | 5.97 | 27.083 | 98.8 | 1.06 |
| 20A | 2.90 | 34,689 | 4.48 | 2.09 | 59.5 | | 30.1 | 43.4 | 800 | 4.58 | 34.213 | 5.93 | 27.143 | 93.2 | 1.17 |
| 24A | 3.02 | 34.781 | 4.86 | 1.92 | 52.5 | | 27.5 | 37.5 | 1000 | 3.64 | 34.244 | 5.67 | 27.243 | 83.9 | 1.36 |
| 294 | 3.19 | 34.895 | 5.48 | 1.51 | 36.0 | | 21.8 | 30.4 | 1200 | 2.97 | 34.311 | 5.10 | 27.360 | 72.6 | 1.53 |
| 36A | 2.89 | 34.90 | 5.65 | 1.50 | 38.7 | | 21.5 | 27.4 | 1500 | 2.72 | 34.505 | 4.42 | 27.537 | 55.8 | 1.75 |
| 444 | 2.576 | 34.890 | 5.69 | 1.47 | 44.6 | 0.00 | 22.1 | 25.5 | 1750 | 2.87 | 34.657 | 4.44 | 27.644 | 45.6 | 1.90 |
| 58A | 1,129 | 34.734 | 4.96 | 2.14 | 109.4 | | 30.6 | 26.7 | 2000 | 3.00 | 34.771 | 4.81 | 27.724 | 36.1 | 2.04 |
| 75A | 0.354 | 34.686 | 5.11 | 2.27 | 128.8 | | 32.6 | 25.8 | 2250 | 3.16 | 34.871 | 5.34 | 27.789 | 31.9 | 2.16 |
| 89A | 0.209 | 34,671 | 5.18 | 2.28 | 130.1 | | 32.4 | 26.1 | 2500 | 3.10 | 34.907 | 5.55 | 27.824 | 28.6 | 2.28 |
| 51A | 0.163 | | | | | | | | 2750 | 2.89 | 34.900 | 5.65 | 27,838 | 27.3 | 2.40 |
| 044 | 0.162 | 34.663 E | 5.18 | 2.29 | 132.2 | 0.00 | 33.1 | 26.5 | 3000 | 2.73 | 34.897 | 5.68 | 27.850 | 25.9 | 2.51 |
| | | | | | | | | | 3250 | 2.50 | 34.857 | 5.54 | 27.855 | 25.7 | 2.62 |
| | | | | | | | | | 3500 | 1.60 | 34.781 | 5.18 | 27.848 | 26.2 | 2.72 |
| | | | | | | | | | 3750 | 0.94 | 34.721 | 4.99 | 27.846 | 26.5 | 2.81 |
| | | | | | | | | | 4000 | 0.54 | 34.696 | 5.06 | 27.851 | 26.1 | 2.89 |
| | | | | | | | | | 4250 | 0.50 | 34.682 | 5.13 | 27.853 | 25.8 | 2.96 |
| | | | | | | | | | 4500 | 0.21 | 34.671 | 5.18 | 27.850 | 26.2 | 3.03 |
| | | | | | | | | | 4750 | 0.16 | 34.665 | 5.18 | 27.847 | 26.4 | 3.09 |

E) MEAN VALUE OF 34.655 AND 34.671 PPT.

RV MELVILLE

| | | 17 510 | | | CATO E | XPEDITION V | 1 | | | 18 ST | 0 | |
|--------------|-------|-----------------------|-------------------|--------------|-----------------------|-------------|-------------------|------|-----------------------|-------------------|-------|------------------------|
| 1 33 1 | | LONGITUDE 40 44.5% | NU/DAY/ 11/16/ | | TART TIME 0902 GMT | | 26.5 _S | | LONGITULE 41 29.0W | MO/DAY/ 11/17/ | | START TIME 0215 GMT |
| 7 | T | S | SIGMA T | DT | DD | | Z | т | S | SIGMA T | DT | 00 |
| 0 | 18.57 | 36.02 | 25.927 | 208.4 | 0.000 | | 0 18 | .47 | 35.97 | 25.914 | 209.7 | 0.000 |
| 10 | 18.59 | 36.03 | 25.930 | 208.2 | 0.021 | 1 | | .49 | 35.98 | 25.917 | 209.4 | 0.021 |
| 20 | 18.33 | 36.08 | 26.021 | 199.5 | 0.041 | 2 | | .48 | 35.96 | 25.919 | 209.2 | |
| 30 | 18.32 | 36.08 | 26.036 | 198.1 | 0.061 | 3 4 | | .48 | 35.98 | 25.919 | 209.2 | |
| 50 | 18.30 | 36.09 | 26.048 | 196.9 | 0.101 | 5 | | .70 | 36.02 | 26.129 | 197.5 | 0.083 |
| 60 | 18.27 | 36.09 | 26.056 | 196.2 | 0.121 | 6 | | .38 | 35.98 | 26.191 | 183.4 | 0.122 |
| 70 | 17.74 | 36.01 | 20.126 | 189.5 | 0.140 | 7 | | .27 | | 26.210 | 181.6 | 0.140 |
| 80 | 17.74 | 36.06 | 26.165 | 185.9 | 0.159 | 8 | 0 17 | .20 | 35.97 | 26.227 | 179.9 | 0.159 |
| 90 | 17.21 | 35.93 | 26.194 | 183.1 | 0.178 | 9 | | .13 | | 26.259 | 176.9 | 0.177 |
| 100 | 16.98 | 35.92 | 26.242 | 178.6 | 0.197 | 10 | | .09 | 35.99 | 26.269 | 176.0 | |
| 125 150 | 16.72 | 35.92 35.85 | 26.304 | 172.7 | 0.241 | 12 | | .76 | 35.93 35.79 | 26.302 | 172.9 | |
| 200 | 15.84 | 35.77 | 26.393 | 164.2 | 0.372 | 20 | | .17 | 35.66 | 26.460 | 157.9 | |
| 250 | 14.91 | 35.60 | 26.471 | 156.8 | 0.455 | 25 | | .95 | 35.70 | 26.540 | 150.3 | |
| 300 | 14.65 | 35.58 | 26.513 | 152.9 | 0.537 | 30 | | .66 | 55.62 | 26.542 | 150.1 | 0.528 |
| 350 | 14.11 | 35.46 | 26.552 | 149.1 | 0.617 | 35 | | . 39 | 35.55 | 26.546 | 149.7 | |
| 400 | 13.41 | 35.35 | 26.598 | 144.8 | 0.696 | 40 | | .07 | | 26.590 | 145.5 | |
| 450 500 | 12.37 | 35.16 | 26.660 | 138.9 | 0.773 | 50 | | .42 | 35.00 34.74 | 26.717 26.803 | 133.5 | |
| 550 | 9.89 | 34.61 | 26.842 | 121.7 | 0.916 | 55 | | .86 | | 26.915 | 114.8 | |
| 600 | 8.53 | 34.62 | 26.915 | 114.7 | 0.981 | 60 | | .59 | 34.36 | 26.992 | 107.5 | |
| 650 | 7.24 | 54.48 | 26.997 | 107.0 | 1.042 | 65 | | .67 | | 27.047 | 102.2 | 1.014 |
| 700 | 6.09 | 34.34 | 27.042 | 102.8 | 1.099 | 70 | 5 | .09 | 34.23 | 27.077 | 99.4 | |
| 750 | 5.48 | 34.30 | 27.086 | 98.6 | 1.154 | 75 | | .79 | 34.23 | 27.111 | 96.2 | |
| 800 | 5.04 | 34.25 | 27.099 | 97.4 | 1.208 | 80 85 | | .50 | | 27.136 | 93.9 | |
| 900 | 4.33 | 34.25 | 27.178 | 89.9 | 1.309 | 90 | | .05 | 34.22 | 27.165 27.176 | 91.1 | |
| 950 | 4.03 | 34.25 | 27.209 | 86.9 | 1.358 | 95 | | .82 | 34.22 | 27.207 | 87.1 | |
| 1000 | 3.84 | 34.26 | 27.237 | 14.5 | 1.405 | 100 | | .63 | | 27.234 | 84.6 | 1,367 |
| 1,100 | 3.41 | 34.30 | 27.311 | 77.3 | 1.494 | 110 | 0 3 | .23 | 34.27 | 27.304 | 77.9 | 1.456 |
| 1200 | 3.08 | 34.33 | 27.366 | 72.1 | 1.577 | 120 | | .99 | | 27.350 | 73.5 | |
| 1300 | 2.85 | 34.38 | 27.426 | 66.3 | 1.654 | 130 140 | | • 77 | | 27.418 | 67.2 | 1.618 |
| 1500 | 2.80 | 34.53 | 27.550 | 60.5 54.6 | 1.792 | 150 | | .70 | 34.42 | 27.533 | 56.2 | |
| 1600 | 2.83 | 34.59 | 27.596 | 50.3 | 1.854 | 160 | | .63 | | 27.588 | 51.0 | |
| 1700 | 2.84 | 34.67 | 27.658 | 44.3 | 1.912 | 170 | | .87 | 34.63 | 27.624 | 47.6 | 1.881 |
| 1800 | 2.92 | 34.72 | 27.691 | 41.2 | 1.967 | 180 | | .90 | 34.68 | 27.661 | 44.1 | 1.939 |
| 1900 | 3.00 | 34.77 | 27.723 | 38.1 | 2.019 | 190 | | .95 | 34.73 | 27.696 | 40.7 | 1.994 |
| 2000 | 3.05 | 34.82 | 27.759 | 34.8 | 2.069 | 200 | | .04 | | 27.728 | 37.7 | 2.046 |
| 2200 | 3.11 | 34.88 | 27.786 | 32.2 | 2.165 | 220 | | .08 | | 27.760 | 34.7 | 2.097 |
| 2300 | 3.13 | 34.91 | 27.823 | 28.7 | 2.211 | 230 | | .10 | | 27.802 | 30.7 | 2.194 |
| 2400 | 3.15 | 34.93 | 27.837 | 27.4 | 2.256 | 240 | | .14 | | 27.814 | 29.6 | |
| 2500 | 3.14 | 34.94 | 27.846 | 26.6 | 2.301 | 250 | | .11 | | 27.825 | 28.6 | 2.288 |
| 2600 | 3.02 | 34.93 | 27.849 | 26.2 | 2.346 | 260 | | .99 | 34.91 | 27.836 | 27.5 | 2.334 |
| 2700 | 2.97 | 34.95 | 27.854 | 25.0 | 2.391 | 270 280 | | .87 | | 27.839 | 27.2 | 2.379 |
| 2900 | 2.82 | 34,92 | 27.859 | 25.3 | 2.479 | 290 | | .81 | | 27.852 | 26.4 | 2,469 |
| 3000 | 2.77 | 34.92 | 27.864 | 24.8 | 2.523 | 300 | | .75 | | 27.858 | 25.4 | 2.514 |
| 3100 | 2.65 | 34.91 | 27.867 | 24.6 | 2.567 | 310 | 0 2 | .63 | 34.91 | 27.868 | 24.4 | 2.558 |
| 3200 | 2.52 | 34.90 | 27.870 | 24.3 | 2.610 | 320 | | .53 | | 27.869 | 24.4 | 2,601 |
| 3300 | 2.24 | 34.86 | 27.862 | 25.1 | 2.653 | 330 | | .22 | | 27.847 | 26.4 | |
| 3500 | 1.75 | 34.80 | 27.853 | 9 | 2.693 | 340 350 | | .85 | | 27.845 | 26.6 | 2.686 |
| 3600 | 1.23 | 34.76 | 27.658 | 26.4 | 2.763 | 360 | | .64 | | 27.861 | 25.1 | 2.725 |
| 3700 | 1.02 | 34.72 | 27.841 | 27.1 | 2.802 | 370 | | .11 | | 27.835 | 27.6 | |
| 3800 | 0.85 | 34.71 | 27,844 | 26.8 | 2.836 | 380 | | .93 | | 27.847 | 26.5 | 2.833 |
| 3900 | 0.67 | 34.69 | 27.839 | 27.2 | 2.869 | 390 | 0 0 | .76 | 34.71 | 27.849 | 26.2 | 2,866 |
| 4000 | 0.45 | 34.68 | 27.844 | 26.8 | 2.899 | 400 | 0 0 | .57 | 34.69 | 27.845 | 26.7 | 2.897 |
| 4100 | 0.31 | 34.67 | 27.844 | 26.8 | 2.928 | 410 | | .44 | | 27.845 | 26.7 | 2.927 |
| 4200 4300 | 0.21 | 34.66 | 27.841 | 27.0 | 2.955 | 420 | | .33 | | 27.851 | 26.1 | 2.955 |
| 4400 | 0.11 | 34.65 | 27.839 | 27.4 | 3.009 | 440 | | 1.23 | | 27.854 | 25.8 | |
| 4500 | 0.08 | 34.64 | 27.832 | 27.8 | 3.035 | 450 | | .19 | | 27.851 | 26.1 | |
| 4600 | 0.06 | 34.64 | 27.833 | 27.8 | 3.061 | 460 | 0 0 | .19 | 34.67 | 27.851 | 26.1 | |
| 4653 | 0.04 | 34.63 | 27.826 | 28.4 | 3.075 | 470 | 0 0 | .17 | 34.67 | 27.852 | 26.0 | 3.088 |
| | | | | | | 480 | | .16 | | 27.844 | 26.7 | |
| | | | | | | 483 | 0 | •17 | 34.66 | 27.844 | 26.8 | 3,122 |

| | | RV | MELVILL | E | | | | CATO | EXPEDITIO | N VI | | | | | |
|-------|---------|--------|---------|------|-------|------|-------|-------|-----------|-------|--------|---------|--------|-----------|-------|
| | LATITUD | | GITUDE | | AY/YR | | ENGER | | BOTTOM | WIND | SPEED | WEATHER | DOMIN | ANT WAVES | |
| | 35 11.9 | 15 47 | 07.3W | 11/1 | 8/72 | 1944 | 2317 | GMT | 4821M | 280 | 29KT | 2 | 28 | 0 10 7 | |
| 2 | 7 | s | 02 | P04 | \$103 | N02 | NO3 | DT | z | T | s | 0.5 | SIGT | DT | DD |
| 0 | 19.27 | 35,898 | 5.33 | 0.08 | 1.3 | 0.00 | 0.1 | 234.3 | 0 | 19.27 | 35.898 | 5.33 | 25,655 | 234.3 | 0.000 |
| 42 | 19.25 | 35,908 | 5,33 | 0.08 | | 0.00 | 0.0 | 233.1 | 10 | 19.27 | 35.899 | 5.33 | 25,658 | 234.0 | 0.023 |
| 47A | 18.95 | 36.035 | 5.26 | 0.09 | | 0.01 | 0.1 | 216.6 | 20 | 19.26 | 35.902 | 5.33 | 25,661 | 233.7 | 0.047 |
| 63 | 18.84 | 36,125 | 5.35 | 0.07 | | 0.00 | 0.0 | 207.4 | 30 | 19.26 | 35.904 | 5.33 | 25.664 | 233.4 | 0.070 |
| | 18.07 | 36,105 | 5.12 | 0.18 | | 0.05 | 0.9 | 190.4 | 50 | 18.93 | 36.050 | 5.26 | 25.860 | 214.8 | 0.11 |
| 105 | 18.04 | 36.094 | 5.11 | 0.16 | | 0.03 | 1.1 | 190.5 | 75 | 18.56 | 36.136 | 5.29 | 26.020 | 199.6 | 0.168 |
| 127 | 17.89 | 36.093 | 5.07 | 0.17 | | 0.01 | 1.3 | 187.0 | 100 | 18.06 | 36.100 | 5.12 | 26.117 | 190.4 | 0.217 |
| 158 | 17.57 | 36.029 | 5.09 | 0,19 | | 0.01 | 1.8 | 184.2 | 125 | 17.91 | 36.091 | 5.07 | 26.148 | 187.4 | 0.266 |
| | 17.67 | 36.082 | 5.12 | 0.21 | | 0.01 | 1.4 | 182.7 | 150 | 17.63 | 36.038 | 5.08 | 26,176 | 184.8 | 0.31 |
| | 15.35 | 35.649 | 4.96 | 0.48 | | 0.01 | 4.9 | 162.5 | 200 | 17.51 | 36.024 | 5.10 | 26.242 | 178.5 | 0.40 |
| | 13.48 | 35,353 | 4.88 | 0.70 | | 0.01 | 9.0 | 145.9 | 250 | 16.21 | 35.816 | 5.03 | 26.345 | 168.8 | 0.498 |
| | 9.97 | 34.827 | 4.72 | 1.22 | | 0.01 | 17.3 | 121.7 | 500 | 15.09 | 35.607 | 4.95 | 26.438 | 160.0 | 0.584 |
| 795A | 6.00 | 34,383 | 5.29 | 1,79 | 14.1 | | 24.8 | 98.5 | 400 | 13.89 | 35.417 | 4.89 | 26.551 | 149.3 | 0.74 |
| 1103A | 3.68 | 34.283 | 5.26 | 2.10 | 29.5 | | 30.2 | 81.0 | 500 | 12.07 | 35.127 | 4.79 | 26,693 | 135.8 | 0.904 |
| 1307A | 3.06 | 34.375 | 4.75 | 2.26 | 45.1 | | 33.1 | 68.5 | 600 | 9.72 | 34.793 | 4.75 | 26.857 | 120.2 | 1.04 |
| 1511A | 2.94 | 34.511 | 4.39 | 2.27 | | 0.01 | 33.1 | 57.2 | 700 | 7.66 | 34.544 | 5.00 | 26.987 | 108.0 | 1.17 |
| 1715A | 3.26 | 34.689 | 4.53 | 2.04 | 47.0 | | 29.2 | 46.6 | 800 | 5.94 | 34.379 | 5.29 | 27.091 | 98.1 | 1.28 |
| 2022A | 3.57 | 34.864 | 5,16 | 1,68 | 32.4 | | 24.2 | 36.2 | 1000 | 4.12 | 34.277 | 5.27 | 27,221 | 85.8 | 1.488 |
| 2327A | 3.26 | 34.890 | 5.34 | 1.58 | 35.8 | | 22.9 | 31.4 | 1200 | 3.31 | 34.318 | 5.03 | 27.334 | 75.0 | 1.667 |
| 2736A | 2.84 | 34.895 | 5.51 | 1.54 | 41.2 | | 22.5 | 27.3 | 1500 | 2.95 | 34.505 | 4.40 | 27.517 | 57.8 | 1.894 |
| 3145A | 2.182 | 34.828 | 5.18 | 1.76 | 66.5 | 0.00 | 25.9 | 27.0 | 1750 | 3,52 | 34.716 | 4.60 | 27.650 | 45.1 | 2.052 |
| 3657A | 1.116 | 34.751 | 4.84 | 2.17 | 110.5 | | 31.2 | 26.A | 2000 | 3.56 | 34.856 | 5.11 | 27.738 | 36.8 | 2.19 |
| 4174A | 0.34 | 34.689 | 5.06 | 2.23 | 125.7 | | 32.1 | 25.5 | 2250 | 3.57 | 34.890 | 5.32 | 27.785 | 32.3 | 2.32 |
| 4485A | 0.185 | 34.680 | 5.16 | 2.25 | 150.2 | | 33.2 | 25.3 | 2500 | 3.10 | 34.898 | 5.45 | 27.817 | 29.3 | 2.442 |
| 4747A | 0.144 | 34.672 | 5.16 | 2.30 | 132.2 | | 32.7 | 25.7 | 2750 | 2.82 | 34.892 | 5.50 | 27.838 | 27.3 | 2.558 |
| 4800A | 0.160 | 34.678 | 5.16 | 2.27 | 130.9 | 0.00 | 33.1 | 25.4 | 3000 | 2.44 | 34.853 | 5.32 | 27.840 | 27.1 | 2.669 |
| | | | • | | | | | | 3250 | 1.96 | 34.806 | 5.08 | 27.841 | 27.0 | 2.776 |
| | | | | | | | | | 3500 | 1.44 | 34.758 | 4.91 | 27.842 | 26.9 | 2.874 |
| | | | | | | | | | 3750 | 0.94 | 34.720 | 4.86 | 27.846 | 26.6 | 2.96 |
| | | | | | | | | | 4000 | 0.55 | 34.699 | 4.96 | 27.853 | 25.9 | 3.042 |
| | | | | | | | | | 4250 | 0.29 | 34.686 | 5.09 | 27.858 | 25.4 | 3,112 |
| | | | | | | | | | 4500 | 0.18 | 34.680 | 5.16 | 27.859 | 25.4 | 3.177 |
| | | | | | | | | | 4750 | 0.14 | 34.667 | 5.16 | 27.850 | 25.7 | 3.240 |

| | | 19 510 | , | | CATO EXP | EDITION VI | | | 20 ST | 'n | |
|--------------|-------|-----------------------|--|------------------------------|------------------------|----------------|-------|-----------|--|-------|------------|
| 1ATT | | LONGITUDE 46 37.3W | MO/DAY/ 11/18/ | | START TIME 0425 GMT | LATIT 35 11 | | LONGITUDE | MO/DAY/ | YR | START TIME |
| 2 | 7 | s | SIGNA T | ot | 00 | 2 | т | 5 | SIGMA T | UT | DD |
| 0 | 19.34 | 36.10 | 25.791 | 221.4 | 0.000 | 0 | 19.26 | 35.93 | 25.682 | 241 7 | 0.000 |
| 10 | 19.36 | 36.11 | 25.793 | 221.2 | | | 19.25 | | 25.685 | | 0.023 |
| 20 | 19.17 | 36.09 | 25.027 | 217.9 | 0.044 | 50 | 19.25 | 35.93 | 25.685 | 231.5 | 0.046 |
| 3.0 | 17.86 | 35.76 | 25,906 | 210.5 | 0.066 | 30 | 19.28 | 35.93 | 25.677 | | 0.070 |
| 40 | 17.53 | | 26.025 | 199.2 | | | 19.24 | 35.93 | | | 0.093 |
| 50 60 | 17.18 | | 26.117 | 190.4 | | 60 70 | 18.83 | 36.12 | 25.937 | 207.5 | 0.137 |
| 70 | 16.65 | 35.89 | 26.138 | 188.4 | | 80 | 18.75 | 36,10 | 25.942 | 107 6 | 0 170 |
| 80 | 16.60 | 35.95 | 26.355 | 167.8 | | 90 | 18.16 | 36.10 | 26.041 | 192 9 | 0.198 |
| 90 | 16.51 | 35.94 | 26.297 26.355 26.368 26.392 26.530 | 166.5 | | 100 | 18.10 | 36.09 | 26.091 26.098 26.161 26.366 26.458 | 192.2 | 0.218 |
| 100 | 15.81 | 35.76 | 26.392 | 164.3 | 0.194 | 125 | 17.88 | 36.10 | 26.161 | 186.3 | 0.266 |
| 150 | 14.96 | 35.69 | 26.530 | 151.3 | 0.275 | | 15.79 | | 26.366 | 166.7 | 0.495 |
| 500 | 14.79 | | | | | 300A | 15.04 | 55.62 | 26.458 | 158.0 | 0.580 |
| 250 | 14.56 | 35.64 | 26.579 | 146.6 | 0.430 | 350A | 14.40 | | 26.528 | 151.4 | 0.662 |
| 350 | 14.31 | | 0.4 4.00 | | 0.507 | 400A 450A | 13.87 | | 26.564 | | |
| 400 | 11.95 | 35.11 | 26.702 | 134.9 | | 600A | 12.96 | | 26.628 | | |
| 450 | 10.55 | 54.88 | 26.762 | 127.4 | 0.729 | 650A | 8.25 | | 26.935 | 112 9 | 1.102 |
| 500 | 9.07 | 34.68 | 26.877 | 118.4 | 0.795 | 700A | 7.34 | 34.51 | 27.006 | 106 1 | 1,162 |
| 550 | 7.42 | 34.47 | 26.964 | 110.2 | | 750A | 6.45 | 34.41 | 27.050 | | |
| 600 | 6.48 | 34.39 | 26.624 26.702 26.762 26.964 27.030 27.051 27.095 | 103.8 | | 950A | 4.64 | 36.29 | 27 174 | 90 1 | 1 452 |
| 650 | 5.77 | 34.30 | 27.051 | 101.9 | 0.971 | 1000A | 4.28 | 34.29 | 27.215 | 86.4 | 1.481 |
| 700 | 5.00 | 34.24 | 27.095 | 97.7 | 1.025 | 1100A | 3.71 | 34.29 | 27.215 27.274 27.320 27.379 27.444 | 80.8 | 1.574 |
| 750 | 4.90 | | 27.123 | 95.1 | 1.077 | 1200A | 3.40 | 34.31 | 27.320 | 76.4 | 1,661 |
| 800 850 | 4.53 | | 27.148 | 91.1 | 1.128 | 1300A 1400A | 3.20 | 34.36 | 27.379 | 70.8 | 1.744 |
| 900 | 3.96 | | 27.193 | 88.5 | 1.226 | 1700A | 3.01 | 34.42 | 27.628 27.670 27.710 | 64.6 | 1.821 |
| 950 | 3.74 | 34.23 | 27.223 | 85.6 | 1.274 | 1800A | 3.40 | 34.75 | 27.670 | 47.2 | |
| 1000 | 3.56 | 34.24 | 27.249 | 83,1 | 1,320 | 1900A | 3.48 | | 27.710 | 59.5 | |
| 1100 | 3.40 | 34.28 | 27.296 | 78.7 | 1.409 | 2000A | 3.50 | | | | |
| 1200 | 3.01 | 34.30 | | 73.7 | 1.493 | 2200A | 3.51 | | 27.786 | 32.2 | 2.293 |
| 1300 | 2.68 | 34.37 | 27.416 | 67.3 | 1.571 | 2300A | 3.29 | 34.90 | | | |
| 1400 | 2.72 | 34.40 | 27.454 | 63.7 | 1.645 | 2500A | 3.22 | 34.92 | 27.822 | 28.8 | 2.439 |
| 1500 | 2.69 | | 27.520 | 57.4 | 1.714 | 2600A | | 34.94 | 27.840 27.840 27.844 | 27.1 | 2.486 |
| 1600 | 2.70 | | 27.559 | 53.7 50.0 46.4 41.4 | 1.779 | 2700A | | | 27.840 | 27.1 | 2,532 |
| 1800 | 2.73 | | 27.636 | 46 4 | 1.900 | 2800A 3200A | 2.81 | 34.90 | 27.844 | 26.7 | 2.578 |
| 1900 | 3.03 | | 27.689 | 41.4 | 1.956 | 33004 | 1.82 | 34.62 | 27.840 27.847 27.836 | 26.6 | 2.753 |
| 2000 | 3.00 | | 27 716 | 3 2 5 | 2.010 | 3400A | | 34.76 | 27.836 | 27.5 | 2.833 |
| 2100 | 2,99 | 34.78 | 27,732 | 37.3 | 2.062 | 3500A | 1.34 | 34.75 | | | 2.871 |
| 2200 | 3,00 | | 27.755 | 35.1 | 2.113 | 3600A | 1.22 | | 27.851 27.849 27.843 27.853 27.858 | 26.1 | 2.907 |
| 2300 | 2,96 | 34.63 | 27.775 | 33.3 | 2.163 | 3700A | 1.02 | 34.73 | 27.849 | 26.3 | 2.942 |
| 2400 | 2.98 | 34.85 | 27.789 | 31.9 | 2.212 | 3800A | 0.86 | 34.71 | 27.843 | 26.8 | |
| 2500 | 2.96 | 34.87 | 27.755 27.775 27.789 27.807 27.829 | 30.3 | 2.260 | 4100A | 0.44 | | 27.853 | 25.9 | |
| 2700 | 2.98 | 34.88 | 27.828 | 20.2 | 2.307 | 4200A 4300A | 0.35 | 34.69 | 27.858 | 25.5 | |
| 2100 | 2.90 | | | | 2.398 | 4400A | 0.25 | 34,68 | 27.858 | 25.7 | 3.122 |
| 2900 | 2.72 | 34.69 | 27.845 | 26.7 | 2.443 | 4500A | 0.16 | | 27.860 | | 3.173 |
| 3000 | 2.59 | 34.87 | 27.840 | 27.1 | 2.488 | 4600A | 0.14 | 34.67 | 27.853 | 25.9 | 3.198 |
| 3100 | 2.52 | 34.88 | 27.854 | 25.8 | 2.532 | 4800A | 0.15 | | 27.853 | 25.9 | 3.249 |
| 3200 | | 34.86 | 27.856 | 25.6 | 2.575 | | | | | | |
| 3300 | 2.16 | 34.85 | 27.860 27.851 27.852 27.842 | 25.2 | 2.617 | | | | | | |
| 3400 | 1.77 | 34.80 | 27.851 | 26.1 | 2,658 | | | | | | |
| 3500 3600 | 1.54 | 34.78 | 27.852 | 26.0 27.0 26.6 26.5 | 2.696 | | | | | | |
| 3700 | 1.07 | 34.73 | 27.845 | 26.6 | 2.769 | | | | | | |
| 3800 | 0.93 | | 27.847 | 26.6 | 2.803 | | | | | | |
| 3900 | 0.74 | 34.70 | | | | | | | | | |
| 4000 | 0.56 | 34.69 | 27.846 | 26.6 | 2.867 | | | | | | |
| 4100 | 0.45 | 34,69 | 27.852 | 26.0 | 2.896 | | | | | | |
| 4200 | 0.36 | 34.68 | 27.849 | 26.5 | 2,925 | | | | | | |
| 4300 | 0.29 | 34.68 | 27.853 | 25.9 | 2,952 | | | | | | |
| 4400 | 0.23 | 34.68 | 27.856 | 25.6 | | | | | | | |
| 4500 | 0.20 | 34.67 | | 26.2 | 3.005 | | | | | | |
| 4600 | 0.18 | 34.67 | 27.851 | | 3.031 | | | | | | |
| 4800 | 0.15 | 34.67 | 27.853 | 26.0 | 3.057 | | | | | | |
| 4900 | 0.16 | | 27.852 | 26.0 | 3,108 | | | | | | |
| | 1000 | | | 20.0 | | | | | | | |

4500

21

3,146

| | | R | V MELVIL | LE | | | | CATO | EXPEDITIO | N VI | | | | | |
|-------|---------|--------|----------|--------|-------|------|-------|-------|-----------|-------|--------|---------|--------|-----------|-------|
| | LATITUD | E LO | NGITUUE | MOZI | AY/YR | MESS | ENGER | TIME | BOTTOM | WIND | SPEED | WEATHER | DOMIN | ANT WAVES | |
| | 34 11.4 | S 4 | 8 32.0W | 11/ | 19/72 | 2121 | 2310 | GMT | 3571M | 220 | 16KT | 1 | 22 | 0 5 5 | |
| Z | 7 | s | 02 | P04 | \$103 | NO2 | NO3 | DT | 2 | T | s | 02 | SIGT | DT | DD |
| 0 | 19.19 | 35,935 | 5.15 | 0.10 | 1.5 | 0.01 | 0.0 | 229.7 | 0 | 19.19 | 35.935 | 5.15 | 25.704 | 229.7 | 0.000 |
| 42 | 18.98 | 35,935 | 5,35 | 0.10 | 1.5 | 0.00 | 0.0 | 224.5 | 10 | 19.14 | 35.934 | 5.20 | 25.717 | 228.4 | 0.023 |
| 63 | 18.08 | 36,000 | 5.27 | 0.13 | 1.5 | 0.06 | 0.1 | 198.2 | 20 | 19.09 | 35.934 | 5.25 | 25.730 | 227.2 | 0.046 |
| 1044 | 17.40 V | 35,985 | V 5.15 | V 0.18 | 1.6 | 0.04 | 1.3 | | 30 | 19.04 | 35.934 | 5.29 | 25.742 | 226.0 | 0.069 |
| 105 | 17.77 | 36.101 | 4.88 | 0.19 | 1.3 | 0.02 | 1.4 | 183.6 | 50 | 18.64 | 35.956 | 5.33 | 25.861 | 214.7 | 0.113 |
| 126 | 17,14 | 35.945 | 4.99 | 0.24 | 1.6 | 0.02 | 2.0 | 180.4 | 75 | 17.95 | 36.015 | 5.13 | 26.079 | 194.1 | 0.165 |
| 158 | 16.54 | 35.834 | 5.00 | 0.31 | 1.8 | 0.01 | 2.8 | 174.9 | 100 | 17.79 | 36.081 | 4.91 | 26.170 | 185.3 | 0.213 |
| 2074 | 15.61 | 35,665 | 5.07 | 0.40 | 1,9 | 0.01 | 4.2 | 166.9 | 125 | 17.17 | 35.952 | 4.98 | 26,221 | 180.5 | 0.259 |
| 311/ | 14.87 | 35,618 | 5.17 | 0.44 | 2.2 | 0.01 | 5.4 | 154.6 | 150 | 16.67 | 35.854 | 5.00 | 26,265 | 176.3 | 0.305 |
| 4144 | 13.40 | 35.340 | 5.02 | 0.76 | 3.6 | | 9.4 | 145.3 | 200 | 15.75 | 35.685 | 5.06 | 26.554 | 168.0 | 0.394 |
| 5184 | 11.54 | 35.036 | 4.82 | 0.96 | 5.7 | 0.01 | 15.6 | 133.0 | 250 | 15.25 | 35.635 | 5.13 | 26.424 | 161.2 | 0.480 |
| 6214 | 8.91 | 34.692 | 4.60 | 1.05 | 9.3 | | 19.9 | 115.1 | 300 | 14.95 | 35.619 | 5.17 | 26.483 | 155.7 | 0.563 |
| 8264 | 5.17 | 34,295 | 5.64 | 1.79 | 15.3 | | 25.5 | 95.4 | 400 | 13.63 | 35.384 | 5.05 | 26.579 | 146.6 | 0.725 |
| 9824 | 4.15 | 34.276 | 5.38 | 1.99 | 24.3 | | 29.4 | 96.1 | 500 | 11.90 | 35.091 | 4.85 | 26.697 | 135.4 | 0.877 |
| 11874 | 5.35 | 34.307 | 5.12 | 2.12 | 56.6 | 0.00 | 31.7 | 16.2 | 600 | 9.46 | 34.756 | 4.80 | 26.873 | 118.7 | 1.017 |
| 1391/ | 2.85 | 34.409 | 4.61 | 2.25 | 51.8 | 0.01 | 32.9 | 64.1 | 700 | 7.19 | 34.488 | 5.13 | 27.010 | 105.7 | 1.141 |
| 15974 | 3.08 | 34.584 | 4.43 | 2.06 | 53.5 | 0.00 | 31.4 | 52.9 | 800 | 5.51 | 34.326 | 5.54 | 27.102 | 97.1 | 1.253 |
| 18024 | 3.41 | 34.749 | 4.69 | 1,92 | 43.0 | | 28.0 | 43.4 | 1000 | 4.06 | 34.277 | 5.36 | 27,227 | 85.2 | 1.454 |
| 20074 | | 34.838 | 5.01 | 1.66 | 36.9 | | 24.6 | 37.4 | 1200 | 3.50 | 34.312 | 5.09 | 27.330 | 75.4 | 1.632 |
| 22124 | 3.52 | 34.900 | 5.17 | 1.51 | 30.3 | | 22.9 | 33.9 | 1500 | 2.92 | 34.498 | 4.51 | 27.514 | 58.0 | 1.860 |
| 24174 | 3.442 | 34.920 | 5.57 | 1.40 | 27.0 | 0.00 | 21.4 | 30.8 | 1750 | 3.55 | 34.712 | 4.60 | 27,645 | 45.6 | 2.018 |
| 26231 | 3.29 | 34.942 | 5.78 | 1.34 | 27.4 | | 21.0 | 27.8 | 2000 | 3.49 | 34.836 | 5.00 | 27.730 | 37.6 | 2.159 |
| 28814 | | 34.926 | 5.76 | 1.40 | 32.6 | | 20.9 | 26.2 | 2250 | 3.51 | 34.904 | 5.24 | 27.782 | 32.6 | 2.290 |
| 31384 | 2.255 | 34.850 | 5.47 | 1.60 | 56.8 | | 23.8 | 25.8 | 2500 | 3.59 | 34.929 | 5.68 | 27.814 | 29.5 | 2.416 |
| 34494 | 0.968 | 34.721 | 4.74 | 2.07 | 114.3 | | 31.9 | 26.7 | 2750 | 3.17 | 34.940 | 5.77 | 27.843 | 26.8 | 2.536 |
| 35534 | 0.563 | 34.701 | 4.78 | 2.22 | 123.7 | | 31.9 | 25.A | 3000 | 2.68 | 34.894 | 5.66 | 27.852 | 26.0 | 2.651 |
| | | | | | | | | | 3250 | 1.80 | 34.802 | 5.16 | 27.851 | 26.1 | 2.756 |
| | | | | | | | | | 3500 | 0.77 | 34.713 | 4.76 | 27.851 | 26.3 | 2.844 |

| | | 21 51 | D | | CATO EXPE | IV MOITIO | | | 22 57 | D | |
|-----|----------------|-----------|------------------|-------|------------------------|----------------|-------|----------------|---------|--------------|-----------|
| | 17UDE 37.55 | LONGITUDE | 11/19/ | | START TIME 0A29 GMT | LATIT 34 11 | | LONGITUDE | MU/DAY/ | | START TIM |
| | , , | s | SIGMA T | DI | OD | 2 | 7 | s | SIGMA T | DT | DD |
| | 19.31 | 35.83 | 25.593 | 240.2 | 0.000 | 0 | 19.23 | 35.90 | 25.667 | 255.2 | 0.000 |
| 10 | | | 25.593 | 240.2 | 0.024 | 10 | 19.25 | 35.92 | 25.677 | 232.2 | |
| 50 | | | 25,590 | 240.5 | | 20 | 19.22 | 35.93 | 25.692 | 230.8 | 0.046 |
| 31 | | | 25,593 | 240.2 | | 30 | 19.07 | 35.94 | 25.739 | 226.4 | |
| 41 | | | 25,601 | 239.5 | | 40 | 19.00 | 35.93 | 25.749 | 225.4 | 0.092 |
| 50 | | | 25.018 | 237.6 | | 50 | 18.93 | 35.93 | 25,767 | 223.7 | 0.115 |
| 61 | | | 25,932 | 206.0 | | 70 | 17.76 | 36.01 | 26.116 | 190.5 | |
| 7 | | | 25.991 | 202.4 | | 80 90 | 14.02 | 36.14 | 26,157 | 186.6 | |
| 8 | | | 26.042 | 197.6 | | 100 | 17.89 | 36.12 | 26,173 | 185.0 | |
| 100 | | | 26.092 | 192.8 | | 125 | 17.18 | 35.93 | 26,201 | 182.3 | 0.213 |
| 15 | | | 26.144 | 187.8 | | 150 | 16.47 | 35,80 | 26,270 | 175.8 | |
| 150 | | | 26.182 | 184.2 | | 200A | 15.68 | 35.69 | 26,368 | 166.6 | |
| 201 | | | 26.215 | 181.1 | | 250A | 15.30 | 35.68 | 26,446 | 159.2 | 0.479 |
| 401 | | | 26.482 | 155.8 | | 300A | 14.86 | 35.62 | 26,498 | 154.3 | 0.562 |
| 45 | 13.83 | 35.39 | 26.542 | 150.1 | 0.852 | 350A | 14.47 | 35.56 | 26,537 | 150.6 | |
| 60 | | | 26.763 | 129.2 | | 400A | 13.73 | 35.41 | 26.578 | 146.7 | 0.722 |
| 65 | | | 26.825 | 123.3 | | 450A | 12.77 | 35.25 | 26.651 | 139.8 | |
| 70 | | | 26.923 | 114.0 | | 500A | 11.79 | 35.08 | 26.710 | 134.2 | |
| 75 | | | 27.012 | 105.6 | | 550A | -0.78 | 34.93 | 26.780 | 127.6 | |
| 101 | | | 27.051 | 101.8 | | 600A | 9.07 | 34.70 | 26.692 | 116.9 | |
| 85 | | | 27.068 | 100.3 | | 650A | 7.86 | 34.53 | 26.947 | 111.8 | |
| 900 | | | 27.143 | 97.5 | | 700A 750A | 6.42 | 34.39 | 27.038 | 103.1 | |
| 100 | | | 27.158 | 91.8 | | A008 | 5.65 | 54.30 54.31 | 27.066 | 96.1 | |
| 110 | | | 27.228 | 85.1 | | 650A | 5.02 | 34.32 | 27.156 | 91.9 | |
| 120 | | 34.27 | 27.284 | 79.8 | | 900A | 4.78 | 34.31 | 27.176 | 90.1 | |
| 130 | | | 27.359 | 72.7 | | 950A | 4.34 | 34.27 | 27.193 | 88.5 | |
| 140 | 3.11 | 34.40 | 27.419 | 67.8 | 1.904 | 1000A | 4.05 | 34.28 | 27.231 | 84.8 | |
| 150 | 2.96 | | 27.464 | 62.7 | 1.978 | 1100A | 3.66 | 54.30 | 27.287 | 79.6 | 1.535 |
| 170 | | | 27.576 | 52.1 | | 1200A | 3.30 | 34.31 | 27.329 | 75.5 | |
| 180 | | | 27.616 | 48.4 | | 1300A | 3.17 | 34.36 | 27.361 | 70.6 | |
| 190 | | | 27.660 | 44.2 | | 1460A | 2.69 | | 27.439 | 65.1 | 1.780 |
| 200 | | | 27.706 | 39.6 | | 1500A | 3.00 | 34.50 | 27.508 | 58,5 | 1.851 |
| 210 | | | 27.729 | 37.6 | | 1600A | 3.06 | 34.59 | 27.573 | 52.4 | |
| 220 | | | 27.758 | 34.9 | | 1700A 1800A | 3.15 | 34.65 | 27.614 | 48.5 | |
| 240 | | | 27.808 | 30.1 | | 1900A | 3.35 | 34.74 | 27.667 | 43.5 | |
| 250 | | | 27.817 | 29.3 | | 20004 | 3.47 | | 27.734 | 40.3 37.1 | |
| 260 | | | 27.832 | 27.9 | | 21004 | 3.48 | | 27.757 | 34.9 | |
| 270 | | | 27.537 | 27.8 | | 22004 | 3.51 | 34.90 | 27.778 | 33.0 | |
| 300 | | | 27.861 | 25.1 | | 2300A | 3.48 | 34.92 | 27.797 | 31.2 | 2.304 |
| 310 | | 34.93 | 27.862 | 25.0 | | 2400A | 3.45 | 34.93 | 27.808 | 30.1 | |
| 320 | | | 27.866 | 24.4 | 2.872 | 2500A | 3.40 | 34.93 | 27.613 | 29.7 | 2.403 |
| 330 | | | 27.873 | 24.0 | 2.916 | 2600A | 3.33 | 34.95 | 27.836 | 27.5 | 2,452 |
| 340 | | | 27.86P | 24.4 | | 2700A | 3.23 | | 27.837 | 27.4 | 2.499 |
| 350 | | | 27.852 | 26.0 | | 2800A | 3.12 | 34.94 | 27.648 | 26.4 | |
| 360 | | | 27.848 | 26.4 | | 2900A | 2.96 | 34.93 | 27.855 | 25.7 | 2.593 |
| 370 | | 34.71 | 27.649 | 26.2 | | 30C0A | 2.75 | 34.90 | 27.850 | 26.2 | |
| 390 | | 34.69 | 27.859 27.858 | 25.4 | | 3100A 3200A | 2.38 | 34.88 | 27.866 | 24.7 | |
| 400 | | | 27.862 | 25.0 | | 3300A | 1.80 | 34.78 | 27.833 | 27.8 | |
| 410 | | | 27.858 | 25.4 | | 3400A | 1.11 | 34.72 | 27.835 | 27.4 | 2.798 |
| 420 | | | 27.852 | 26.0 | | 3500A | 0.83 | 34.70 | 27.837 | 27.4 | 2.832 |
| 430 | | | 27.854 | 25.8 | | 3570A | 0.53 | | 27.839 | 27.2 | |
| 440 | | | 27.855 | 25.7 | | | 0.00 | | . , , | | 2.004 |
| 450 | | | 27.855 | 25.7 | | | | | | | |

34.906

5.64

23

31.8

2.315

24

| | | RV | MELVILL | E | | | | CATO | EXPEDITIO | N VI | | | | | |
|-------|--------------------|--------|-----------------|-------|-------|------|---------------|-------|-----------------|-------------|--------|---------|--------|-----------|-------|
| | 14TITUD 33 20.8 | | GITUDE 21.5W | 11/2/ | 47/YR | | ENGER 1838 | TIME | 80TTOM 2333M | WIND 210 | SPEED | WEATHER | DOMIN. | ANT WAVES | 1 |
| 2 | 1 | s | 02 | P04 | \$103 | NO2 | NO3 | DT | Z | T | s | 02 | SIGT | UT | aa |
| 0 | 19.77 | 36.034 | 5.26 | 0.10 | 1.6 | 0.00 | 0.0 | 236.8 | 0 | 19.77 | 36.034 | 5.26 | 25,628 | 236.8 | 0.000 |
| 42 | 19.68 | 36.069 | 5.33 | 0.09 | 1.6 | 0.00 | 0.0 | 232.1 | 10 | 19.75 | 36.041 | 5.27 | 25,640 | 235.7 | 0.024 |
| 57A | 19.30 | 36.073 | 5.36 | 0.120 | 1.6 | 0.00 | 0.0 | 222.4 | 20 | 19.73 | 36.049 | 5.29 | 25,652 | 234.6 | 0.047 |
| 63 | 18.76 | 36.138 | 5.32 | 0.09 | 1.2 | 0.00 | 0.0 | 204.5 | 30 | 19.71 | 36.057 | 5.31 | 25.664 | 233.4 | 0.071 |
| 105 | 17.89 | 36.082 | 5.00 | 0.20 | | 0.02 | 1.5 | | 50 | 19.48 | 36.069 | 5.35 | 25.733 | 226.9 | 0.117 |
| 126 | 17.92 | 36.134 | 5.09 | 0.17 | | | 1.3 | 184.7 | 75 | 18.51 | 36.120 | 5,20 | 26.019 | 199.7 | 0.171 |
| 161A | 17.80 | 36.120 | 5.20 | 0.17 | 1.6 | | 1.2 | 182.9 | 100 | 17.99 | 36.087 | 5.02 | 26,123 | 189.8 | 0.220 |
| 265A | 15.94 | 35.735 | 4.94 | 0.38 | 2.0 | | 4.2 | 168.9 | 125 | 17.92 | 36.131 | 5.08 | 26,176 | 184.8 | 0.268 |
| | 14.53 | 35,526 | 4.82 | 0.50 | 2.9 | | 6.7 | 154.3 | 150 | 17.86 | 36,133 | 5.17 | 26,191 | 183.3 | 0.315 |
| 472A | 12.84 | 35.246 | 4.72 | 0.80 | 4.1 | | 10.8 | 141.4 | 200 | 17.21 | 35.991 | 5.15 | 26.243 | 178.5 | 0.409 |
| 575A | 10.83 | 34.948 | 4.83 | 1.04 | 5.9 | 0.01 | 14.7 | 127.1 | 250 | 16.26 | 35.798 | 5.00 | 26.518 | 171.4 | 0.500 |
| 678A | 8.32 | 34.609 | 4.88 | 1.40 | 9.6 | | 20.4 | 112.5 | 300 | 15.46 | 35.659 | 4.89 | 26,596 | 164.0 | 0.588 |
| 780A | 6.28 | 34.410 | 5.13 | 1.68 | 13.9 | | 24.8 | 99.8 | 400 | 14.05 | 35.446 | 4.78 | 26.538 | 150.4 | 0.756 |
| 934A | 4.77 | 34.307 | 5.24 | 1.88 | 20.2 | | 27.9 | 90.2 | 500 | 12.55 | 35.169 | 4.74 | 26.674 | 137.6 | 0.912 |
| 1087A | 3.59 | 34.278 | 5.18 | 2.02 | 30.5 | | 30.0 | 80.6 | 600 | 10.22 | 34.859 | 4.84 | 26.823 | 123.5 | 1.056 |
| 1240A | 3.20 | 34.361 | 4.66 | 2.19 | | 0.00 | 32.3 | 70.8 | 700 | 7.83 | 34.555 | 4.93 | 26,971 | 109.5 | 1.185 |
| 1394A | 5.06 | 34.475 | 4.36 | 2.22 | 52.2 | | 32.7 | 60.9 | 800 | 6.02 | 34.390 | 5.14 | 27.089 | 98.3 | 1.300 |
| 1548A | | 34.526 | 4.27 | 2.21 | 60.4 | | 32.7 | 54.7 | 1000 | 4.19 | 34.284 | 5.21 | 27.218 | 86.0 | 1.504 |
| 1702A | 3.07 | 34.663 | 4.41 | 2.00 | 53.7 | | 30.4 | 46.8 | 1200 | 3.25 | 34.334 | 4.81 | 27.552 | 73.3 | 1.681 |
| 19074 | 3.467 | 34.83 | 4.88 | 1.67 | 37.0 | | 25.4 | 37.8 | 1500 | 2.84 | 34.509 | 4.30 | 27,530 | 56.5 | 1.903 |
| 2113A | 3.565 | 34.923 | 5.35 | 1.44 | 27.9 | 0.00 | 22.4 | 31.7 | 1750 | 3.18 | 34.707 | 4.51 | 27.656 | 44.5 | 2.057 |
| 2270A | 3.371 | 34.903 | 5.36 | 1.50 | 32.8 | | 22.9 | 31.4 | 2000 | 3.51 | 34.879 | 5.12 | 27.762 | 34.5 | 2.193 |
| 2321A | 3.24 | | 5.39 | 1.53 | 56.7 | 0.00 | 23.3 | | 2250 | 3.41 | 34.907 | | 27.794 | 31.5 | 2.319 |

| | | RV | MELVILL | Ε | | | | CATO | EXPEDITION | VI. | | | | | |
|-------|----------------------|--------|-----------------|------|-------|------------|---------------|-------|-----------------|-------------|---------------|--------------|--------|-----------|-------|
| | LATITUDE 33 08.95 | | GITUDE 35.5W | | AY/YR | | ENGER 2213 | TIME | 80TTOM 1399M | WIND 160 | SPEED 17KT | WEATHER 0 | DOMIN. | ANT WAVES | |
| Z | т | S | 02 | P04 | \$103 | 102 | NO3 | 7.0 | 2 | 7 | S | 02 | SIGT | DT | DD |
| 0 | 19.50 | 35,920 | 5.53 | 0.10 | 1.7 | 0.00 | 0.0 | 238.4 | 0 | 19.50 | 35.920 | 5.53 | 25.612 | 238.4 | 0.000 |
| 41 | 19,52 | 35,918 | 5.38 | 0.10 | 1.7 | 0.00 | 0.0 | 239.n | 10 | 19.50 | 35.918 | 5.49 | 25.610 | 238.6 | 0.024 |
| 484 | 19.51 | 35,918 | 5.32 | 0.11 | 1.6 | 0.01 | 0.0 | 238.8 | 20 | 19.51 | 35.918 | 5.46 | 25.609 | 238.7 | 0.048 |
| 63 | 19.43 | | 5.35 | 0.10 | | 0.00 | 0.0 | | 30 | 19.51 | 35.917 | 5.42 | 25.607 | 238.9 | 0.072 |
| 100A | 18.88 | 36,233 | 5.41 | 0.08 | 1.0 | 0.01 | 0.0 | 200.5 | 50 | 19.50 | 35.930 | 5.32 | 25,620 | 237.7 | 0.120 |
| 104 | 18.71 | 36,201 | 5.23 | 0.10 | 1.0 | 0.04 | 0.1 | 198.7 | 75 | 19.25 | 36.071 | 5.37 | 25,793 | 221.2 | 0.178 |
| 126 | 18.11 | 36,124 | 5.30 | 0.15 | 1.2 | 0.02 | 1.1 | 189.9 | 100 | 18.88 | 36.233 | 5.41 | 26.011 | 200.5 | 0.231 |
| 153A | 17.92 | 36.099 | 5.31 | 0.12 | 1.0 | 0.02 | 1.1 | 187.3 | 125 | 18.13 | 36.123 | 5.30 | 26.118 | 190.2 | 0.281 |
| 257A | 16.80 | 35.884 | 4.99 | 0.28 | 1.5 | 0.02 | 3.0 | 177.1 | 150 | 17.93 | 36.099 | 5.31 | 26.149 | 187.3 | 0.330 |
| 360A | 14.87 | 35,580 | 4.95 | 0.50 | 2.2 | 0.01 | 6.3 | 157.4 | 200 | 17.50 | 36.019 | 5.18 | 26.192 | 183.3 | 0.425 |
| 463A | 13.64 | 35,372 | 4.92 | 0.65 | 3.1 | 10.15.5.5. | 8.6 | 147.7 | 250 | 16.90 | 35.902 | 5.02 | 26.248 | 178.0 | 0.519 |
| 566A | 11.59 | 35.046 | 4.98 | 0.99 | 5.0 | | 13.8 | 133.1 | 300 | 16.00 | 35.753 | 4.97 | 26.344 | 168.9 | 0.610 |
| 666A | 8.92 | 34.691 | 4.88 | 1.34 | 8.8 | | 19.4 | 115.3 | 400 | 14.40 | 35.502 | 4.93 | 26.508 | 153.3 | 0.782 |
| 768A | 6.64 | 34.440 | 5.17 | 1.65 | 12.7 | | 24.0 | 102.1 | 500 | 12.99 | 35.264 | 4.95 | 26.617 | 142.9 | 0.943 |
| 870A | 5.25 | 34,313 | 5.50 | 1.80 | 15.8 | 0.01 | 26.1 | 94.7 | 600 | 10.70 | 34.917 | 4.93 | 26.786 | 127.0 | 1.092 |
| 10224 | 4.26 | 34,300 | 5.20 | 2.02 | 25.9 | | 29.3 | 85.4 | 700 | 8.09 | 34.594 | 4.95 | 26.962 | 110.3 | 1.223 |
| 1124A | 3.76 | 34.306 | 5.07 | 2.07 | 31.8 | | 30.2 | 80.1 | 800 | 6.12 | 34.390 | 5.29 | 27.077 | 99.5 | 1.340 |
| 12271 | | 34,340 | 4.89 | 2.15 | 38.0 | | 31.4 | 75.2 | 1000 | 4.35 | 34.296 | 5.27 | 27.212 | 86.6 | 1.546 |
| 13314 | 3.290 | 34,388 | 4.70 | 2.21 | 44.3 | | 32.4 | 69.5 | 1200 | 3.57 | 34,330 | 4.94 | 27.319 | 76.5 | 1.728 |
| 1383A | 3.146 | 34,442 | | 2.22 | 50.0 | 0.01 | 32.3 | 64.2 | | | | | - | | |

| | | 23 51 | D | | CATO EXPE | DITION VI | | | 24 51 | D | |
|----------------|-------|----------|---------|-------|------------------------|----------------|-------|-----------|-------------------|-------|------------------------|
| LATIT 53 43 | | 19 02.7W | 11/20/ | | START TIME 0350 GMT | LATIT 33 20 | | LONGITUDE | MO/DAY/ 11/20/ | | START TIME 1615 GMT |
| 2 | 1 | S | SIGMA Y | DT | DD | z | | s | SIGMA T | OT | DL |
| C | 19.40 | 35.99 | 25.691 | 230.8 | 0.000 | 0 | 19.77 | 36.03 | 25,625 | 237.1 | 0.000 |
| 16 | 19.42 | 36.00 | 25.694 | 230.6 | 0.025 | 10 | 19.78 | 36.04 | 25.630 | 236.7 | |
| 21 | 19.48 | 36.04 | 25.709 | 229.2 | 0.046 | 50 | 19.72 | 36.05 | 24.654 | 234.4 | |
| 30 | 19.55 | 36.07 | 25.713 | 228.8 | 0.069 | 30 | 19.68 | 36.05 | 25.664 | 233.4 | 0.071 |
| 40 | 19.55 | 36.07 | 25.719 | 228.5 | 0.092 | 40 | 19.70 | 36.07 | 24.674 | 232.5 | 0.094 |
| 50 | 19.40 | 56.06 | 25.745 | 225.8 | | 50 | 19.69 | 36.08 | 25.684 | 231,5 | |
| 60 | 18.88 | 36.03 | 25.856 | 215.2 | | 60 | 18.89 | 36.01 | 25.838 | 216.9 | |
| 70 | 18.44 | 36.02 | 25.960 | 205.3 | | 70 | 18.38 | 36.08 | 26.021 | 199.5 | |
| 80 | 18.11 | 36.02 | 26.042 | 197.5 | 0.179 | 60 | 18.12 | 36,06 | 26.071 | 194.6 | |
| 90 | 18.04 | 36.08 | 26.106 | 191.5 | | 90 | 18.00 | 36.06 | 26.100 | 192.0 | |
| 100 | 17.77 | 36.02 | 26.127 | 149.5 | | 100 | 17.89 | 36.07 | 26.135 | 188.7 | |
| 150A | 17.78 | 36.15 | 26.224 | 180.3 | | 125 | 17.92 | 36,13 | 26.174 | 165.0 | |
| 300A | 15,26 | 35,66 | 26.440 | 159.8 | | 150A | 17.78 | 36.06 | 26.155 | 166,8 | |
| 350A | 14.71 | 35,59 | 26.508 | 153.4 | | 200A | 17.46 | 36.01 | 26.195 | 183.0 | |
| 400A | 14.43 | 35.55 | 26.536 | 150.5 | | 250A | 16.38 | 35.74 | 26.246 | 178.2 | |
| 450A | 13.48 | 35.36 | 26.591 | 145.4 | | 300A | 15.34 | 35.66 | 26.422 | 161,5 | |
| 500A | 12.43 | 35.19 | 26.671 | 137.8 | | 3504 | 14.79 | 35.58 | 26.482 | 155.7 | |
| 550A | 11.54 | 35.04 | 26.763 | 129.1 | | 400A | 14.21 | 35,47 | 26.523 | 151.9 | |
| ECCA | 9.83 | 34.75 | 26.805 | 125.1 | | 450A 500A | 13.30 | 35.32 | 26.598 | 144.8 | |
| 650A 700A | 8.04 | 34.52 | 27.000 | 106.7 | | 550A | 11.27 | 35.13 | 26.639 | 140.9 | |
| 750A | 6.39 | 34.42 | 27.066 | 100.5 | | 600A | 10.34 | 35.00 | 26.803 | 130.9 | |
| | | | 27.161 | 91.5 | | 65GA | | 34.70 | | 125.3 | |
| 900A 950A | 4.63 | | 27.203 | 87.5 | | 700A | 7.66 | 34.54 | 26.870 | 119.1 | |
| 10004 | 4.12 | | 27.232 | 94.8 | | 750A | 6.72 | 34.44 | 27.038 | 103.2 | |
| 110CA | 3.62 | | 27.283 | 79.9 | | 800A | 5.61 | 34.35 | 27.085 | 98.6 | |
| 1200A | 3.39 | | 27.337 | 74.8 | | 850A | 5.12 | 34.29 | 27.121 | 95.2 | |
| 1300A | 3.17 | | 27.405 | 68.3 | | 900A | 4.94 | 34.30 | 27.150 | 92.5 | |
| 1400A | 2.93 | | 27,467 | 62,5 | | 950A | 4.75 | 34.32 | 27.187 | 89.0 | |
| 1500A | 2.86 | | 27.529 | 56.6 | | 1000A | 4.29 | 34.31 | 27.230 | 85.0 | |
| 1600A | 2.98 | | 27.574 | 52.3 | | 11C0A | 3.59 | 54.30 | 27.293 | 78.9 | |
| 1800A | 3.16 | | 27.677 | 42.6 | | 1200A | 3.34 | 34.35 | 27.357 | 72.8 | |
| 1900A | 3.35 | | 27.714 | 39.0 | | 1300A | 3.21 | 34,41 | 27.417 | 67.2 | |
| 2000A | 3.49 | | 27.748 | 35.0 | | 1400A | 3.10 | 34.49 | 27.491 | 60.2 | |
| 2100A | 3.50 | | 27.771 | 33.6 | | 1500A | 3.04 | 34.56 | 27.553 | 54.3 | |
| 2400A | 3.37 | 34.93 | 27.816 | 29.4 | 2.376 | 16004 | 2.90 | 34.57 | 27.573 | 52.4 | |
| 25004 | 3.27 | 34.92 | 27.818 | 29.2 | 2.424 | 1700A | 3.28 | 34.68 | 27.626 | 47.4 | |
| 2600A | 3.16 | 34.93 | 27.836 | 27.5 | | 1800A | 3.36 | 54.77 | 27.689 | 41.4 | |
| 2700A | 3.01 | 34.93 | 27.850 | 26.4 | | 1900A | 3.42 | 34.63 | 27.731 | 37.4 | |
| 28004 | 2.87 | 34.92 | 27.855 | 25.7 | | 2000A | 3.57 | 34.90 | 27.772 | 33.5 | |
| 2900A | 2.25 | 34.85 | 27.853 | 25.9 | | 2100A | 3.61 | 34.92 | 27.784 | 32.4 | |
| 3000A | 1.26 | 34.74 | 27.840 | 27.1 | 2.643 | 2200A | 3.50 | 34.93 | 27.803 | 30.6 | 2.296 |
| | | | | | | 2300A | 3.35 | 34.89 | 27.786 | 32.2 | 2.346 |
| | | | | | | 2339A | 3.25 | 34.89 | 27.796 | 31.3 | 2,365 |

| | | 25 ST |) | | |
|-------|-------|-----------|---------|-------|------------|
| LATIT | UDE | LONGITUDE | MO/DAY | YR | START TIME |
| 33 08 | .95 | 49 35.5W | 11/20/ | 72 | 5058 CWL |
| Z | 1 | S | SIGMA T | DT | DD |
| 0 | 19.50 | 35.92 | 25.612 | 238.4 | 0.000 |
| 10 | 19.53 | 35.93 | 25.612 | 238.4 | 0.024 |
| 50 | 19.51 | 35.92 | 25.609 | 238.6 | 0.048 |
| 30 | 19.51 | 35.92 | 25.609 | 238.6 | 0.072 |
| 40 | 19.53 | 35.92 | 25.604 | 239.1 | 0.096 |
| 50 | 19.51 | 35.93 | 25.617 | 237.9 | |
| 60 | 19.45 | 35.89 | 25.602 | 239.3 | |
| 70 | 19,39 | 35.88 | 25.610 | 238.6 | |
| 80 | 18.87 | 36.17 | 25.965 | 204.8 | |
| 90 | 18.87 | 36.25 | 26.011 | 200.5 | |
| 100 | 18.73 | 36.23 | 26.047 | 197.1 | |
| 125 | 18,12 | 36.13 | 26.124 | 189.7 | |
| 150A | 17.99 | 36.12 | 26.149 | 187.4 | |
| 200A | 17.89 | 36.14 | 26.189 | 183.6 | |
| 250A | 17.04 | 35,93 | 26.235 | 179.2 | |
| 300A | 15.73 | 35.69 | 26.357 | 167.6 | |
| 350A | 15.04 | 35.62 | 26.458 | 158.0 | |
| 400A | 14.64 | 35.53 | 26.477 | 156.3 | |
| 450A | 13.81 | 35.42 | 26.569 | 147.5 | |
| 500A | 12.83 | 35.24 | 26.631 | 141.7 | |
| 550A | 11.58 | 35.04 | 26.71P | 133.4 | |
| 600A | 10.45 | 34.88 | 26.800 | 125.7 | 1.089 |
| 750A | 7.05 | 34.47 | 27.016 | 105.2 | 1.281 |
| BOCA | 6.23 | 34.40 | 27.071 | 100.0 | 1.338 |
| 8501 | 5.44 | 34.33 | 27.115 | 95.8 | 1.392 |
| 9004 | 4.97 | 34.30 | 27.146 | 92.9 | |
| 9504 | 4.46 | 34.27 | 27.180 | 89.7 | |
| 10004 | 4.26 | 34.29 | 27.217 | 86.2 | |
| 11004 | 3.91 | 34.31 | 27.269 | 81.2 | |
| 1200A | 3.60 | 34.33 | 27.316 | 76.7 | |
| 1300A | 3.34 | 34.37 | 27.373 | 71.3 | |
| 1400A | 3.05 | 34.49 | 27,496 | 59.7 | |

27

| | | HV | MELVILL | 3. | | CATO EXPEDITION VI | | | | | | | | | |
|-------|--------------------|--------|-----------------------|------|------------------------|--------------------|------|-----------------|-------------|---------------|-----------|----------------|--------|-------|-------|
| | 10 35.45 LONGITUDE | | MO/CAY/YR 11/21/72 | | MESSENGER 2306 0016 | | TIME | 50110M 1594M | WIND 190 | SPEED 20KT | WEATHER 2 | DUMINANT WAVES | | | |
| 2 | 1 | s | 02 | 104 | \$103 | 105 | 1403 | 01 | z | 1 | s | 02 | SIGT | DT | DO |
| 0 | 21.99 | 36.834 | 5.11 | 0.06 | 1.0 | 0.00 | 0.0 | 236.5 | 0 | 21,99 | 36.834 | 5.11 | 25,631 | 236.5 | 0.000 |
| 10 | 22.01 | 36.831 | 5.13 | 0.05 | 1.0 | 0.00 | 0.0 | 237.3 | 10 | 22.01 | 36.831 | 5.13 | 25.623 | 237.3 | 0.024 |
| 21 | 21,95 | 36.828 | 5.08 | 0.03 | 0.8 | 0.00 | 0.0 | 235,9 | 20 | 21.96 | 36.826 | 5.09 | 25.636 | 236.1 | 0.04 |
| 41 | 21,77 | 36.817 | 5.08 | 0.04 | 1.0 | 0.00 | 0.0 | 231.9 | 30 | 21,87 | 36.821 | 5.08 | 25,657 | 234.1 | 0.07 |
| 82 | 21,59 | 36.799 | 5.07 | 0.05 | 0.8 | 0.00 | 0.0 | 228.4 | 50 | 21.73 | 36.807 | 5.08 | 25.686 | 231.4 | 0.11 |
| 113 | 20.33 | 36.494 | 5.05 | 0.10 | 9.0 | 0.14 | 0.4 | 217.7 | 75 | 21.62 | 36.797 | 5.07 | 25.708 | 229.2 | 0.17 |
| 144 | 18.58 | 36,139 | 5.18 | 0.13 | 1.0 | 0.13 | 0.5 | 200.1 | 100 | 20.95 | 36,638 | 5.06 | 25.773 | 223.0 | 0.23 |
| 185 | 17.64 | 36.029 | 5.16 | 0.19 | 1.0 | 0.04 | 1.4 | 185.4 | 125 | 19.63 | 36.341 | 5.10 | 25,901 | 210.9 | 0.28 |
| 208A | 17,26 | 35,943 | 5.09 | 0.27 | 1.3 | 0.02 | 2.3 | 183.3 | 150 | 18.38 | 36.111 | 5.18 | 26.045 | 197.3 | 0.34 |
| 260A | 16.17 | 35.757 | 4.98 | 0.37 | 1.6 | 0.02 | 3.8 | 172.3 | 200 | 17.59 | 35.973 | 5.12 | 26.184 | 184.0 | 0.43 |
| | 15.12 | 35.610 | 4.92 | 0.49 | 2.0 | 0.02 | 5.8 | 160.5 | 250 | 16.39 | 35.790 | 5.00 | 26,282 | 174.8 | 0.53 |
| 364A | 14.35 | 35.501 | 4.97 | 0.53 | 2.4 | 0.01 | 7.2 | 152.5 | 300 | 15.33 | 35.637 | 4.93 | 26.407 | 162.9 | 0.62 |
| 465A | 11.80 | 35.079 | 4.88 | 0.96 | 4.6 | | 13.5 | 154.5 | 400 | 13.54 | 35.363 | 4.94 | 26.582 | 146.3 | 0.78 |
| 567A | 8.91 | 34.696 | 4.96 | 1.31 | 9.2 | | 19.5 | 114.8 | 500 | 10.81 | 34,939 | 4.91 | 26.781 | 127.5 | 0.93 |
| 670A | 6.23 | 34.396 | 5.40 | 1.67 | 12.9 | | 24.6 | 100.4 | 600 | 7.97 | 34.584 | 5.09 | 26.971 | 109.5 | 1.064 |
| 770A | 4.77 | 34.274 | 5.72 | 1.76 | 17.4 | | 26.3 | 92.€ | 700 | 5.68 | 34.344 | 5.54 | 27.096 | 97.6 | 1.17 |
| 871A | | 34.300 | 5.29 | 1.91 | 19.7 | 0.01 | 29.2 | 86.4 | 800 | 4.60 | 34.276 | 5.62 | 27.168 | 90.8 | 1,28 |
| 9744 | 3.78 | 34.321 | 5.02 | 2.12 | 33.2 | | 30.9 | 79.1 | 1000 | 3.71 | 34.326 | 4.98 | 27.502 | 78.1 | 1,46 |
| 1075A | 3.54 | 34.347 | 4.88 | 2.15 | 58.8 | 0.00 | 31.9 | 74.9 | 1200 | 3.17 | 34.433 | 4.66 | 27.459 | 65.1 | 1.625 |
| 1177A | 3.18 | 34.422 | 4.67 | 2.18 | 48.4 | 0.03 | 32.0 | 66.0 | 1500 | 3.21 | 34.633 | 4.54 | 27.593 | 50.5 | 1.828 |
| 1280A | 3.12 | 34.458 | 4.63 | 2.23 | 50.4 | 0.02 | 32.6 | 62.7 | | | | | | | |
| 1434A | 3.082 | 34,563 | 4.45 | 2.10 | | 0.02 | 31.6 | 54.5 | | | | | | | |
| 1538A | 3.312 | 34.674 | 4.62 | 2.00 | 47.2 | 0.03 | 29.7 | 48.2 | | | | | | | |
| 1590A | 3.456 | 34.729 | 4.72 | 1.90 | | 0.02 | 28.4 | 45.2 | | | | | | | |

| | RV MELVILLE | | | | | CATO EXPEDITION VI | | | | | | | | | |
|------|-------------|--------|-----------------|------|-------|--------------------|---------------|-------|-----------------|-------------|--------|--------------|--------|-----------|-------|
| | 10 35.6 | | GITUDE 40.1W | | AY/YR | | ENGER 0905 | TIME | BOTTOM 3261M | WIND 140 | SPEED | WEATHER 1 | | ANT WAVES | |
| Z | т | s | 02 | P04 | \$103 | NO2 | NO3 | от | Z | т | s | 02 | 2161 | DT | DD |
| 0 | 20.65 | 36,408 | 5.24 | 0.05 | 1.0 | 0.00 | 0.0 | 232.1 | 0 | 20.65 | 36.408 | 5.24 | 25.678 | 232.1 | 0.000 |
| 42 | 20.68 | 36,413 | 5.18 | 0.04 | 1.0 | 0.00 | 0.0 | 232.5 | 10 | 20.66 | 36.407 | 5.22 | 25.677 | 232.2 | 0.023 |
| 63 | 19.45 | 36.302 | 5,16 | 0.07 | | 0.00 | 0.0 | 209.5 | 20 | 20.66 | 36,408 | 5.21 | 25.676 | 232.3 | 0.047 |
| 105 | 17.91 | 36,124 | 5.28 | 0.14 | 1.2 | | 0.5 | 185.2 | 30 | 20.67 | 36.410 | 5.19 | 25.675 | 232.4 | 0.070 |
| 146 | 17.45 | 36.023 | 5,14 | 0.21 | 1.4 | | 1.7 | 181.8 | 50 | 20.24 | 36.371 | 5.17 | 25.761 | 224.2 | 0.116 |
| 165A | 16.98 | 35,923 | 5.01 | 0.28 | 1.7 | | 2.5 | 178.4 | 75 | 18.89 | 36.242 | 5,20 | 26,016 | 200.0 | 0.169 |
| 187 | 16.35 | 35,797 | 4.91 | 0.37 | 1.9 | 0.02 | 3.9 | 173.0 | 100 | 18.03 | 36.141 | 5.27 | 26.155 | 186.8 | 0.219 |
| 2694 | 14.85 | 35.573 | 4.94 | 0.54 | 2.4 | 0.01 | 6.0 | 157.5 | 125 | 17.67 | 36.067 | 5.24 | 26.189 | 183.6 | 0.266 |
| 3724 | 13.61 | 35.377 | 4.81 | 0.66 | 3.3 | 0.01 | 9.0 | 146.7 | 150 | 17.56 | 36.002 | 5.11 | 26.214 | 181.2 | 0.313 |
| 476A | 11.61 | 35,055 | 4.79 | 1.01 | 5.2 | 0.01 | 13.4 | 132.8 | 200 | 16.03 | 35.746 | 4.91 | 26.332 | 170.1 | 0.403 |
| 579A | 9.05 | 34.713 | 4.76 | 1.35 | 9.4 | | 20.2 | 115.6 | 250 | 15.11 | 35.605 | 4.93 | 26.432 | 160.5 | 0.489 |
| 6814 | 6.99 | | 4.95 | 1.66 | | 0.00 | 24.3 | | 300 | 14.48 | 35.517 | 4.90 | 26.502 | 153.9 | 0.572 |
| 784A | 5.63 | 34.367 | 5.12 | 1.86 | 17.3 | | 26.8 | 95.3 | 400 | 13.14 | 35.298 | 4.80 | 26.614 | 143.3 | 0.731 |
| 887A | 4.50 | 34.301 | 5.22 | 1.94 | 23.8 | | 29.3 | 37.8 | 500 | 11.02 | 34.969 | 4.78 | 26.767 | 128.8 | 0.878 |
| 040A | 3.72 | 34,333 | 4.93 | 2.17 | 35.1 | | 31.7 | 77.6 | 600 | 8.58 | 34.654 | 4.79 | 26.934 | 113.0 | 1.010 |
| 1944 | 3.22 | 34.398 | 4.52 | 2.26 | 46.A | | 33.4 | 68.2 | 700 | 6.70 | 34.452 | 4.98 | 27.049 | 102.1 | 1,129 |
| 348A | 3.06 | 34.508 | 4.43 | 2.26 | | 0.00 | 33.5 | 58.4 | 800 | 5.43 | 34.354 | 5.15 | 27,134 | 94.0 | 1.237 |
| 502A | 5.14 | 34.631 | 4.45 | 2.09 | 52.1 | | 31.4 | 49.9 | 1000 | 3.86 | 34.318 | 5.04 | 27.280 | 80.2 | 1.429 |
| 655A | 5.37 | 34.746 | 4.68 | 1.89 | 44.2 | | 28.7 | 43.3 | 1200 | 3.21 | 34.403 | 4.52 | 27.411 | 67.8 | 1.594 |
| 9114 | 3.52 | 34.871 | 5.27 | 1.62 | 33.0 | | 24.3 | 35.2 | 1500 | 3.14 | 34.631 | 4.45 | 27.599 | 50.0 | 1.800 |
| 2184 | 3.375 | 34.929 | 5.53 | 1.43 | 27.4 | | 21.5 | 29.5 | 1750 | 3.46 | 34.801 | 4.90 | 27.705 | 39.9 | 1.943 |
| 525A | 3.12 | 34.936 | 5.83 | 1.33 | | 0.00 | 20.6 | 26.7 | 2000 | 3.50 | 34.895 | 5.37 | 27.776 | 33.2 | 2.073 |
| 730A | 2.943 | 34.931 | 5.83 | 1.34 | 30.3 | | 20.7 | 25.5 | 2250 | 3.35 | 34,931 | 5.57 | 27.819 | 29.1 | 2.194 |
| 9374 | 2.724 | 34.915 | 5.82 | 1.36 | 36.0 | | 19.7 | 24.8 | 2500 | 3.14 | 34.937 | 5.81 | 27.843 | 26.8 | 2.309 |
| 1431 | 2.080 | 34,853 | 5.60 | 1.65 | 60.2 | | 24.4 | 24.4 | 2750 | 2.93 | 34.930 | 5,83 | 27.858 | 25.4 | 2.421 |
| 2464 | 1.987 | 34.846 | 5.59 | 1.67 | | 0.00 | 24.9 | 24.2 | 3000 | 2.52 | 34.894 | 5.75 | 27.866 | 24.7 | 2.529 |
| | | | | | | | | | 3250 | 1.98 | 34.846 | 5,59 | 27,871 | 24.1 | 2.630 |

| | | 26 51 | Ù. | | CATO EX | PEDITION VI | | | 27 51 | D | |
|-------|-------|----------|---------|-------|------------------------|----------------|-------|-----------|---------|-------|------------------------|
| 1AT17 | | 50 11.7w | MO/DAY/ | | START TIME 0212 GMT | LATI1 30 35 | | LONGITUDE | 11/21/ | | START TIME 2212 GMT |
| 2 | T | S | SIGMA T | DT | DO | z | T | s | SIGMA T | рт | DD |
| C | 22.11 | 36.67 | 25.473 | 251.6 | 0.000 | 0 | 22.00 | 36.83 | 25.625 | 237.1 | 0.000 |
| 10 | 22.09 | 36.67 | 25.478 | 251.1 | 0.025 | 10 | 25.00 | 36.83 | 25.625 | 237.1 | 0.024 |
| 5.0 | 22.06 | 36.68 | 25,495 | 249,5 | 0.050 | 50 | 21.95 | 36.82 | 25.632 | 236.5 | 0.047 |
| 3.0 | 21.97 | 36.69 | 25.528 | 246,4 | 0.075 | 30 | 21.83 | 36.61 | 25.658 | 234.0 | 0.071 |
| 40 | 21.94 | 36.70 | 25,544 | 244.9 | | 40 | 21.81 | 36.81 | 25.664 | 233.4 | 0.095 |
| 50 | 21.91 | 36.70 | 25,552 | 244.1 | 0.124 | 50 | 21.77 | 36.80 | 25.667 | 233.1 | 0.118 |
| 6.0 | 21,91 | 36.70 | 25.552 | 244.1 | 0.149 | 60 | 21.60 | 36.76 | 25.684 | 231.5 | 0.142 |
| 7.0 | 21.91 | 36,70 | 25.552 | 244.1 | 0.174 | 70 | 21.61 | 36.80 | 25.712 | 558.8 | 0.165 |
| 8.0 | 21.90 | 36.72 | 25.570 | 242.3 | | 80 | 21.58 | 36.79 | 25.713 | 228.8 | 0.188 |
| 9.0 | 21.81 | 36.74 | 25.610 | 238.5 | | 90 | 21.51 | 36,77 | 25.717 | 228.4 | 0.211 |
| 100 | 21.78 | 36.75 | 25.626 | 237.0 | | 100 | 21.39 | 36.75 | 25.735 | 226.6 | 0.254 |
| 125 | 20,93 | 36.56 | 25.717 | 228.3 | 0.306 | 125A | 19.84 | 36.34 | 25.843 | 216.4 | 0.291 |
| 150A | 19.32 | 36.30 | 25.946 | 206.4 | 0.362 | 150A | 18.77 | 36.20 | 26.014 | 200.2 | 0.344 |
| 200A | 17.88 | 36.10 | 26.161 | 186.3 | 0.463 | 200A | 17.52 | 35.97 | 26.150 | 187.3 | 0.444 |
| 250A | 15.70 | 35.67 | 26.349 | 168.5 | 0.555 | 250A | 16.48 | 35.79 | 26.260 | 176.8 | 0.539 |
| 300A | 14.68 | 35.57 | 26,455 | 158.4 | 0.641 | 300A | 15.39 | 35.65 | 26.403 | 163.3 | 0.628 |
| 350A | 12.36 | 35.12 | 26.631 | 141.7 | 0.721 | 350A | 14.49 | 55.53 | 26.509 | 153.2 | 0.712 |
| 400A | 9.39 | 34.76 | 26.687 | 117.4 | 0.790 | 400A | 13.60 | 35.38 | 26.582 | 146.3 | 0.792 |
| 4504 | 7.44 | 34.53 | 27.008 | 106.0 | 0.850 | 450A | 12.42 | 35.18 | 26,666 | 138.4 | 0.869 |
| 5004 | 6.22 | 34.41 | 27,080 | 99.1 | 0.905 | 500A | 11.05 | 34.94 | 26,739 | 131.5 | 0.943 |
| 550A | 5.45 | 34.36 | 27.137 | 93.7 | 0.956 | 550A | 9.33 | 34.75 | 26.889 | 117.2 | 1.011 |
| 6004 | 4.76 | 34.31 | 27.178 | 89.6 | 1.005 | 650A | 6.80 | 34.45 | 27.035 | 103.4 | 1.151 |
| 650A | 4.44 | 34.30 | 27.206 | 87.2 | 1.053 | 700A | 5.60 | 34.31 | 27.079 | 99.2 | 1.187 |
| 700A | 4.24 | 34.30 | 27.227 | 85.2 | 1.099 | 750A | 4.95 | 34.28 | 27.133 | 94.1 | 1.239 |
| 750A | 3.88 | 34.31 | 27.272 | 80.9 | 1.144 | BCOA | 4.85 | 34.31 | 27.168 | 90.8 | 1.290 |
| 4004 | 3.65 | 34.31 | 27.295 | 78.7 | 1.187 | 850A | 4.46 | 34.30 | 27.203 | 87.4 | |
| 835A | 3.54 | 34.31 | 27.306 | 77.7 | 1.217 | 900A | 4.16 | 34.30 | 27.235 | 84.4 | 1.386 |
| | | | | | | 950A | 3.89 | 34.32 | 27.279 | 80.3 | 1.431 |
| | | | | | | 1000A | 3.74 | 54.33 | 27.302 | 78.1 | 1.475 |
| | | | | | | 1100A | 3.46 | 34.36 | 27.354 | 73.2 | 1.559 |
| | | | | | | 1200A | 3.19 | 34.43 | 27.435 | 65.5 | 1.636 |
| | | | | | | 1300A | 3.12 | 34.47 | 27.473 | 61.8 | 1.709 |
| | | | | | | 1500A | 3.29 | 34.66 | 27.609 | 49.0 | 1.840 |
| | | | | | | 1600A | 3.45 | 34.74 | 27.657 | 44.5 | 1,899 |
| | | | | | | 16004 | 3.43 | 24.14 | | 44.5 | 1.079 |

| | | 28 51 | 0 | | |
|--------|-------|-----------|---------|-------|-----------|
| LATIT | UDE | LONGITUDE | MO/DAY/ | YR S | TART TIME |
| 30 35 | .65 | 46 40.1W | 11/22/ | 72 | 0614 GMT |
| Z | T | S | SIGMA T | DT | DD |
| 0 | 20.67 | 36.42 | 25.682 | 231.7 | 0.000 |
| 10 | 20.68 | 36.42 | 25.679 | 232.0 | 0.023 |
| 50 | 20.68 | 36.42 | 25.679 | 232.0 | 0.046 |
| 30 | 20.68 | 36.42 | 25.679 | 232.0 | 0.070 |
| 40 | 20.68 | 36.42 | 25.679 | 232.0 | 0.093 |
| 50 | 20.68 | 36.42 | 25.679 | 232.0 | 0.116 |
| 6.0 | 19.52 | 36.30 | 25.896 | 211.3 | 0.139 |
| 7.0 | 18.56 | 36.11 | 25.998 | 201.7 | 0.160 |
| 80 | 18.31 | 36.07 | 26.031 | 198.6 | 0.180 |
| 90 | 17.99 | 36.11 | 26.141 | 188.1 | 0.200 |
| 100 | 17.90 | 36.11 | 26.163 | 186.0 | 0.219 |
| 125 | 17.79 | 36.11 | 26.190 | 183.4 | 0.266 |
| 150 | 17.27 | 35.96 | 26.203 | 182.3 | 0.313 |
| 200A | 15.95 | 35.68 | 26.299 | 173.1 | 0.404 |
| 250A | 15.16 | 35.65 | 26.454 | 158.4 | 0.491 |
| 300A | 14.50 | 35.56 | 26.530 | 151.2 | 0.572 |
| 350A | 14.02 | 35.47 | 26.563 | 148.1 | 0.652 |
| 400A | 13.15 | 35.32 | 26.628 | 141.9 | 0.730 |
| 45CA | 11.97 | 35.11 | 26.699 | 135.3 | 0.805 |
| 500A | 9.67 | 34.94 | 26.775 | 128.0 | 0.876 |
| 550A | 8.54 | 34.65 | 26.937 | 121.1 | 1.008 |
| 600A | 7.73 | 34.57 | 26.997 | | |
| 700A | 6.61 | 34,45 | 27.060 | 107.0 | 1.069 |
| 750A | 5.93 | 34.37 | 27.086 | 98.6 | 1,181 |
| 800A | 5.29 | 34.33 | 27.133 | 94.1 | 1.234 |
| 850A | 9.75 | 34.30 | 27.171 | 90.5 | 1.285 |
| 900A | 4.32 | 34.30 | 27.218 | 86.0 | 1.333 |
| 950A | 4.07 | 34,31 | 27.253 | 82.6 | 1,380 |
| 1000A | 3.85 | 34,32 | 27.283 | 79.9 | 1,425 |
| 1100A | 3.48 | 34.35 | 27.344 | 74.1 | 1,510 |
| 1200A | 3.23 | 34.40 | 27.408 | 68.1 | 1.590 |
| 13000 | 3.06 | 34.47 | 27.479 | 61.3 | 1,663 |
| 1400A | 3.05 | | 27.536 | 55.9 | 1,731 |
| 1506A | 3.13 | 34.64 | 27.608 | 49.1 | 1,794 |
| 160GA | 3.24 | 34.70 | 27.645 | 45.5 | 1.853 |
| 1700A | 3.45 | | 27,681 | 42.2 | 1,909 |
| 1 POCA | 3.60 | 34.84 | 27.722 | 38.3 | 1.964 |
| 19004 | 3.52 | | 27,769 | 33.6 | 2.015 |
| ACCOS | 3.52 | 34,91 | 27.785 | 32.3 | 2.065 |
| 21004 | 3.57 | | 27.804 | 30.5 | 2.113 |
| 55000 | 3,44 | | 27.817 | 29.3 | 2.161 |
| 530CV | 3,33 | | 27.828 | 28.3 | 5.508 |
| 24004 | 3.25 | | 27,835 | 27.5 | 2.254 |
| 2500A | 3.15 | | 27.845 | 26.6 | 2,299 |
| SEOLU | 3.07 | | 27.844 | 26.7 | 2.345 |
| 2700A | 2.96 | | 27.855 | 25.7 | 2.389 |
| Sudca | 2.90 | | 27.852 | 26.0 | 2.434 |
| 2961A | 2.77 | | 27.864 | 24.6 | 2.478 |
| 30000 | 2.61 | | 27.862 | 25.0 | 2,522 |
| 3100A | 2.33 | | 27.870 | 24.3 | 2,564 |
| 32004 | 1.96 | | 27.868 | 24.4 | 2,603 |
| 3270A | 1.95 | 34.83 | 27.861 | 25.1 | 2,631 |

| | | RV | MELVILLE | | | | | CATO | EXPEDITIO | DN VI | | | | | |
|------|---------|----------|-----------------|------|---------------|------|---------------|-------|-----------------|--------------|--------|--------------|-------------|-----------|-------|
| | 30 16.2 | | 1 TUDE 39.5W | | AY/YR 3/72 | | ENGER 2010 | TIME | 80110M 3829M | \$110 320 | SPEED | WEATHER 1 | DUMIN 18 | ANT WAVES | |
| Z | τ | s | 02 | P04 | \$103 | N02 | NO3 | DT | Z | Ţ | 5 | 02 | SIGT | DT | DD |
| 0 | 20,35 | 36,093 | 5.26 | 0.05 | 1.0 | 0.00 | 0.0 | 247.2 | 0 | 20.55 | 36.095 | 5.26 | 25.519 | 247.2 | 0.000 |
| 41 | 19.73 | 36.071 | 5.32 | 0.03 | 0.8 | 0.00 | 0.0 | 233.2 | 10 | 20.51 | 36.088 | 5.30 | 25.526 | 246.5 | 0.025 |
| 73 | 18.17 | 35.941 | 5.38 | 0.07 | | 0.00 | 0.0 | 204.6 | 20 | 20.20 | 36.082 | 5.32 | 25.551 | 244.2 | 0.049 |
| 14 | 17.48 | 35,882 | 5.32 | 0.12 | | 0.07 | 0.2 | 192.8 | 30 | 20.02 | 36.079 | 5.32 | 25.597 | 239.8 | 0.074 |
| 157 | 16.76 | 35.766 | 5.05 | 0.29 | | 0.04 | 1.8 | 184.8 | 50 | 19.50 | 36.034 | 5.34 | 25.753 | 225.0 | U.120 |
| | | 35.746 V | | | 1.4 | 0.02 | 2.2 | | 75 | 18.12 | 35.936 | 5.58 | 25.977 | 203.7 | 0.175 |
| 219 | 15.72 | 35,664 | 5.08 | 0.53 | | 0.01 | 5.1 | 169.3 | 100 | 17.63 | 35.898 | 5.34 | 26.068 | 195.0 | 0.225 |
| | 14.73 | 35.548 | 5.08 | 0.48 | | 0.01 | 5.4 | 156.8 | 125 | 17.50 | 35.852 | 5.25 | 26.115 | 190.6 | 0.274 |
| | 13,62 | 35,383 | 5.02 | 0.55 | 3.0 | | 8.3 | 146.5 | 150 | 16.88 | 35.784 | 5.09 | 26.163 | 186.0 | 0.322 |
| | 11,31 | 35.010 | 4.83 | 0.98 | 5.4 | | 14.0 | 130.8 | 200 | 16.02 | 35.689 | 5.07 | 26,290 | 174.0 | 0.415 |
| 620A | 8,53 | 34,659 | 4.85 | 1.47 | 9.8 | | 20.5 | 111.8 | 250 | 15.55 | 35.623 | 5.08 | 26.393 | 164.2 | 0.503 |
| 722A | 6.74 | 34.462 | 5.10 | 1.60 | 13.4 | | 23.3 | 101.8 | 300 | 14.62 | 35.560 | 5.08 | 26.460 | 157.8 | 0.588 |
| 325A | 5.32 | 34.340 | 5.29 | 1.80 | 17.3 | 0.02 | 26.5 | 93.7 | 400 | 13.79 | 35.411 | 5.03 | 26.566 | 147.8 | 0.75 |
| 031A | 3.87 | 34.291 | 5.26 | 2.03 | 29.2 | 0.02 | 29.0 | 82.2 | 500 | 11.75 | 35.076 | 4.86 | 26.715 | 133.7 | 0.904 |
| 236A | 3.15 | 34.389 | 4.74 | 2.23 | | 0.01 | 32.2 | 68.2 | 600 | 9.05 | 34.718 | 4.85 | 26.909 | 115.3 | 1.040 |
| 41A | 2.89 | 34.530 | 4.42 | 2.22 | 57.2 | | 32.2 | 55,3 | 700 | 7.07 | 34.497 | 5.04 | 27.034 | 103.5 | 1.161 |
| 607A | 2.83 | 34.649 | 4.52 | 2.10 | 58.1 | | 30.4 | 45.A | 800 | 5.63 | 34.364 | 5,25 | 27.118 | 95.5 | 1.271 |
| 955A | 3.24 | 34.858 | 5.31 | 1.55 | 38.0 | | 23.2 | 33.6 | 1000 | 4.01 | 34.288 | 5.26 | 27.241 | 83.9 | 1.469 |
| 262A | 3.11 | 34.905 | 5,57 | 1.49 | 32.6 | | 21.9 | 28.9 | 1200 | 3.23 | 34.367 | 4.84 | 27.380 | 70.7 | 1.641 |
| 469A | 3.05 | 34.917 | 5.85 | 1.45 | | 0.01 | 21.0 | 27.5 | 1500 | 2.87 | 34.569 | 4.45 | 27.574 | 52.4 | 1.853 |
| 674A | 3.00 | 34.929 | 5.79 | 1.35 | 30.2 | | 20.4 | 26.2 | 1750 | 2.96 | 34.726 | 4.77 | 27.691 | 41.2 | 1.997 |
| ADBB | 2.898 | 34.929 | 5.82 | 1.57 | 31.9 | | 20.5 | 25.3 | 2000 | 3.24 | 34.870 | 5.36 | 27.182 | 32.6 | 2.124 |
| 085A | 2.754 | 34.922 | 5.87 | 1.38 | 33.7 | | 20.6 | 24.6 | 2250 | 3.12 | 34.904 | 5.56 | 27.820 | 29.0 | 2.240 |
| 396A | 2.331 | 34.885 | 5.73 | 1.45 | 47.5 | | 22.0 | 23.9 | 2500 | 3.04 | 34.918 | 5.84 | 27.838 | 27.3 | 2.354 |
| 706A | 1.133 | 34.759 | 5.18 | 1.99 | 96.2 | | 28.4 | 24.8 | 2750 | 2.97 | 34.929 | 5.79 | 27.854 | 25.8 | 2.466 |
| 8094 | 0.899 | 34.735 | 5.15 | 2.08 | 109.1 | 0.01 | 29.2 | 25.2 | 3000 | 2.82 | 34.925 | 5.85 | 27.864 | 24.8 | 2.578 |
| | | | | | | | | | 3250 | 2.59 | 34.908 | 5.80 | 27,871 | 24.1 | 2.688 |
| | | | | | | | | | 3500 | 1,93 | 34.840 | 5.53 | 27.871 | 24.1 | 2.791 |
| | | | | | | | | | 3750 | 1.02 | 34.748 | 5,17 | 27.863 | 25.0 | 2.861 |

| | | 29 51 | n | | CATO EXPE | OITION VI | | | 30 ST | n | |
|----------|-------|-----------------------|----------------------------|----------|------------------------|----------------|-------|----------------|--|-----------|------------------------|
| 1.A717 | 7.15 | LONGITUDE 43 59.6w | HO/DAT/ | YR 72 | START TIME 0158 GMT | LATIT 30 16 | .25 | LONGITUDE | MO/DAY/ | YR 172 | START TIME 1622 GMT |
| | T | s | SIGNA T | er | | | | 5 | SIGMA T | DT | |
| 0 | 19.99 | | 25.654 | 234.4 | 0.000 | 0 | 20.17 | 36.07 | 25,550 | 244.3 | 0.000 |
| 10 | 19.98 | | 25.654 | 234.4 | 0.023 | 10 | 19.88 | 36.10 | 25.650 | 254.8 | 0.024 |
| 5.0 | 19.78 | | 25.699 | 230.1 | 0.047 | 10 | 19.79 | | 25.673 | 232.6 | 0.047 |
| 30 | 19.77 | | 25.701 | 229.5 | 0.070 | 30 40 | | 36.09 | 25.673 | 232.5 | 0.071 |
| 40 | 19.76 | | 25.712 | 228.5 | 0.093 | 50 | | 36.09 | 25.679 | | |
| 50 60 | 17.98 | | | 198.6 | | | 19.69 | | 25.684 | 231.5 | 0.117 |
| 70 | 17.77 | | | 191.7 | | 70 | | | 25.894 | 219.8 | 0.140 |
| 80 | 17.49 | 35.97 | 26.157 | 186.6 | | 80 | 18.33 | | 25.904 | | |
| 90 | 17.42 | 35.97 | | 185.0 | 0.194 | 90 | | 35.92 | 25.978 | 203 6 | 0.204 |
| 100 | 17.30 | 35.97 | 26.203 | 182.2 | 0.215 | 100 | | 35,91 | 25.991 | | |
| 125 | 16.41 | 35.80 | 26.284 | 174.5 | 0.259 | 125 | 17.54 | 35.88 | 26.076 | | |
| 150 | 16.16 | | | 169.1 | 0.303 | 150 | 17.03 | 75 0.7 | | | |
| 200 | 15.33 | 35.67 | 26,432 | 160.5 | | 200 | 16.30 | 35.75 | 26.272 | 175.7 | 0.416 |
| 250 | 14.81 | 35.59 | 26,486 | 155.4 | | 250 | 15.36 | 35.62 | 26.387 | 164.8 | 0.506 |
| 300 | 14.26 | 35.51 | 26.486 26.543 26.604 | 150.0 | 0.551 | 300 350 | 14.77 | | 26.448 | 159.0 | 0.591 |
| 400 | 12.40 | 35.36 | 26,604 | 138.0 | 0 706 | 400 | 14.33 | 35.52 | 26.536 | 150.7 | 0.674 |
| 450 | 11.49 | 35.04 | | 131.0 | 0.777 | 450 | 13.10 | 35.42 35.31 | 26.631 | | 0.754 |
| 500 | 10.25 | 34.87 | 26,827 | 123.1 | 0.847 | 500 | | 35.14 | 26.703 | 134 9 | 0.907 |
| 550 | 9.01 | 34.70 | 26.902 | 116.0 | | 550 | 10.78 | | 26.795 | 126 1 | 0.979 |
| 600 | 7.91 | 34.58 | 26.978 | 108.6 | 0.973 | 600 | | 34.74 | 26.881 | | |
| 650 | 6.82 | 34.45 | 27.032 | 103.7 | | 000 | 7.99 | 34.57 | 26.959 | 110.6 | 1.109 |
| 700 | 5.84 | 34.35 | 27.081 | 99.0 | 1.087 | 700 | | 34.50 | 27.025 | 104.3 | 1.169 |
| 750 | 5.03 | 34.21 | 27.116 | 95.0 | 1.140 | 750 | | 34.43 | 27.076 | 99.5 | 1.225 |
| 800 | 4.52 | | 27.149 | 92.6 | | 800 | 5.62 | | 27.117 | 95.7 | 1.279 |
| 850 | 3.99 | 34.26 | 27.198 | 87.9 | 1.240 | 850 | 5.08 | | 27.117 27.157 27.180 27.210 27.243 | 91.8 | 1,331 |
| 900 | 3.71 | | 27.250 | 85.6 | | 900 950 | 4.60 | | 27.180 | 89.6 | 1.381 |
| 1006 | 3.49 | | 27.295 | 78.7 | 1 176 | 1000 | 4.33 | 34.29 | 27.210 | 86.9 | 1.429 |
| 1100 | | 34.34 | 27,363 | 72.3 | 1.461 | 1100 | 3.53 | | | | 1.477 |
| 1200 | | 34.41 | 27.440 | 65.0 | 1.538 | 1200 | 3.24 | | 27.399 | 68.9 | |
| 1300 | 2.95 | 34.48 | 27.497 | 59.6 | | 1300 | 3.04 | | 27.457 | 63.4 | |
| 1400 | 2.86 | 34.54 | 27.553 27.609 | 54.3 | | 1400 | 2.96 | | 27.512 | 58.2 | |
| 1500 | 2.86 | 34.61 | 27.609 | 49.1 | | 1500 | 2.86 | | 27.569 | | |
| 1600 | 2.86 | 34.66 | 27.649 | 45.6 | 1.792 | 1600 | | 34.61 | 27.611 | | |
| 1700 | | 34.75 | 27.694 | 40.5 | 1.846 | 1700 | | 34.68 | 27.665 | 43.7 | 1.974 |
| 1800 | 3.16 | | 27.725 | 38.1 | | 1800 | 2.88 | | 27.711 | 39.4 | 2.027 |
| 2000 | 3.35 | 20.00 | 27.770 | 33.7 | | 1900 | 2.84 | | 27.711 27.738 27.781 | 36.6 | 2.078 |
| 2100 | 3.35 | 34.94 | 27.795 | 28.5 | | | 3.15 | | 27.802 | 32.7 | 2.126 |
| 2200 | 3.33 | 34.95 | 27.836 | 27.5 | | 5500 | 3.08 | | 27.812 | 29 8 | 2.219 |
| 2300 | 3.27 | 34.95 | 27.841 | 27.0 | 2.132 | 2300 | 3.14 | 34.92 | 27.830 | 28 1 | 2.264 |
| 2400 | 3.21 | 34.95 | 27.847 | 26.4 | | 2400 | 3.05 | 34.92 | 27.838 | 27 3 | 2.309 |
| 2500 | 3.16 | | 27.852 | 26.0 | 9 999 | 2500 | 3.04 | 34.93 | 27.847 27.850 | 26.4 | |
| 2600 | 3.09 | | 27.866 | 24.6 | 2,266 | 2600 | 3.01 | | 27.850 | 26,2 | 2.398 |
| 2700 | 3.03 | | 27.864 | 24.6 | 2.309 | 2700 | 2.99 | | 27.860 | 25,2 | 2,442 |
| 2800 | 2.95 | | 27.871 | 24.1 | 2.353 | 2800 | 2,96 | 34.94 | 27.863 | 25.0 | 2.486 |
| 2900 | 2.90 | | 27.868 | 24.4 | 2.397 | 2900 | 2.89 | 34.94 | 27.869 | 24,4 | 2,531 |
| 3000 | 2.84 | | 27.874 | 23.5 | | 3000 | 2.84 | 34.93 | 27.869 27.866 27.866 | 24.7 | 2,575 |
| 3200 | 2.65 | | 27.873 | 24.0 | | 3000 3100 | 2.84 | 34.93 | 27.866 | 24.7 | 2,575 |
| 3300 | 2.45 | | | 22.9 | | 3200 | 2.75 | 34.92 | 27.866 | | 2,619 |
| 3400 | 2.03 | 34.84 | 27.884 | 25.0 | 2.612 | 3300 | 2.66 | 34.90 | 27.868 | 24.7 | 2.707 |
| 3500 | 1.72 | 34.82 | 27.871 | 24.2 | | 3400 | 2.35 | 34.88 | 27.869 | 24.4 | 2.751 |
| 3520 | 1.62 | | 27.870 | 24.2 | | 3500 | 1.98 | 34.84 | 27.867 | 24.6 | |
| | | | | | | 3600 | 1.63 | | 27.870 | 24.3 | |
| | | | | | | 3700 | 1.19 | | | 25.9 | 2.867 |
| | | | | | | 3800 | 0.87 | | 27.850 | | |
| | | | | | | 3834 | 0.86 | | 27.851 | | 2,912 |
| | | | | | | | | | | | |

| | | RV | MELVILL | E | | | | CATO | EXPEDITIO | 1V AC | | | | | |
|-----|---------|--------|-----------------|--------------|-------|------|---------------|-------|-----------------|-------------|---------------|--------------|-------------|-------|-------|
| | 30 19.2 | | SITUDE 51.1W | MQ/0 11/2 | 4/72 | | ENGER 2245 | TIME | 80110M 3473M | WIND 310 | SPEED 12KT | WEATHER 1 | DOMIN 31 | | |
| z | T | s | 02 | P04 | \$103 | NO2 | NO3 | 01 | Z | 7 | s | 05 | SIGT | DT | DD |
| 0 | 20.47 | 36,168 | 5.27 | 0.05 | 1.4 | 0.00 | 0.0 | 244.8 | 0 | 20.47 | 36.168 | 5.27 | 25.544 | 244.8 | 0.000 |
| 41 | 20.35 | 36,168 | 5.27 | 0.05 | 1.2 | 0.00 | 0.0 | 241.8 | 10 | 20.44 | 36.167 | 5.27 | 25.554 | 243.9 | 0.024 |
| 62 | 20.31 | 36,165 | 5,27 | 0.05 | 1.0 | 0.00 | 0.0 | 241.0 | 20 | 20.40 | 36.167 | 5.27 | 25,562 | 243.1 | 0.049 |
| 824 | 19.51 V | | 5.50 | 0.07 | 1.3 | 0.00 | 0.0 | | 30 | 20.58 | 36.167 | 5.27 | 25.570 | 242.4 | 0.073 |
| 83 | 19.55 | 36,171 | 5,36 | 0.08 | 1.0 | 0.00 | 0.0 | 221.4 | 50 | 20.53 | 36.165 | 5.27 | 25,580 | 241.4 | 0.122 |
| 126 | 19.35 | 36.164 | 5,28 | 0.08 | 0.8 | 0.00 | 0.0 | 217.0 | 75 | 19.86 | 36.166 | 5.29 | 25.707 | 229.3 | 0.181 |
| 60A | 17.98 | 35.932 | 5,09 | 0.20 | 1.3 | 0.05 | 0.7 | 8.005 | 100 | 19.46 | 36.164 | 5.33 | 25.809 | 219.7 | 0.238 |
| 63A | 15.34 | 35,590 | 5,01 | 0.39 | 1.7 | 0.01 | 4.4 | 166.6 | 125 | 19.55 | 36.162 | 5.28 | 25.836 | 217.1 | 0.294 |
| 66A | 14.04 | 35,441 | 5,03 | 0.61 | 2.8 | 0.01 | 7.3 | 150.6 | 150 | 18.43 | 36.004 | 5.15 | 25,953 | 206.0 | 0.348 |
| 69A | 12.31 | 35,160 | 4.88 | 0.86 | 4.3 | 0.01 | 11.7 | 137.8 | 200 | 16.74 | 35.755 | 5.06 | 26.173 | 185.1 | 0.449 |
| 724 | 9.95 | 34.822 | 4.75 | 1.24 | 7.4 | 0.01 | 17.5 | 121.8 | 250 | 15.57 | 35.613 | 5.02 | 26.334 | 169.8 | 0.541 |
| 75A | 7.75 | 34,575 | 4.82 | 1.59 | 12.6 | 0.01 | 23.0 | 106.9 | 300 | 14.82 | 35.535 | 5.02 | 26.442 | 159.6 | 0.628 |
| 784 | 5.89 | 34.397 | E 5.06 | 1.690 | 16.8 | 0.01 | 26.4 | 96.1 | 400 | 13.53 | 35.359 | 4.99 | 26,581 | 146.4 | 0.791 |
| 814 | 4.70 | 34.299 | 5.2 | 1.95 | 21.5 | 0.01 | 28.2 | 90.0 | 500 | 11.62 | 35.055 | 4.83 | 26,721 | 133.1 | 0.942 |
| 86A | 3.51 | 34.328 | 4.99 | 2.12 | 36.9 | 0.01 | 31.6 | 76.1 | 600 | 9.53 | 34.747 | 4.77 | 26.887 | 117.5 | 1.080 |
| 90A | 5.01 | 34.446 | 4.53 | 2.22 | 51.2 | 0.00 | 33.1 | 62.7 | 700 | 7.25 | 34.525 | 4.88 | 27.030 | 103.9 | 1.202 |
| 964 | 2,86 | 34.580 | 4.41 | 2.15 | 57.7 | 0.01 | 31.9 | 51.3 | 800 | 5.59 | 34.370 | 5.10 | 27,127 | 94.6 | 1.312 |
| 01A | 2.82 | 34.692 | 4.62 | 2.03 | 56.8 | 0.01 | 29.5 | 42.5 | 1000 | 3.87 | 34.294 | 5.08 | 27.260 | 82.0 | 1.507 |
| ABC | 2.89 | 34.814 | 5.10 | 1.74 | 47.1 | 0.00 | 25.9 | 33.9 | 1200 | 3.17 | 34.389 | 4.73 | 27.404 | 68.4 | 1.674 |
| 164 | 2.921 | 34.882 | 5.54 | 1.51 | 38.4 | 0.00 | 22.7 | 29.0 | 1500 | 2.86 | 34.584 | 4.41 | 27.587 | 51.1 | 1.881 |
| 22A | 2.925 | 34.910 | 5.73 | 1.41 | 34.0 | 0.00 | 21.3 | 26.9 | 1750 | 2.83 | 34.716 | 4.69 | 27,695 | 40.8 | 2.022 |
| 271 | 2.846 | 34.918 | 5.78 | 1.40 | 33.5 | 0.00 | 21.1 | 25.6 | 2000 | 2.89 | 34.811 | 5.09 | 27.767 | 34.0 | 2.147 |
| 36A | 2.72 | 34.911 | 5.85 | 1.40 | 35.5 | 0.01 | 21.0 | 25.1 | 2250 | 2.92 | 34.871 | 5.46 | 27.812 | 29.8 | 2.263 |
| 474 | 2,501 | 34.897 | 5.86 | 1.44 | 41.2 | | 21.5 | 24.3 | 2500 | 2.92 | 34.907 | 5.72 | 27.840 | 27.1 | 2.375 |
| 514 | 2,235 | 34.874 | 5.78 | 1.51 | 49.7 | 0.00 | 22.6 | 24.0 | 2750 | 2.84 | 34.917 | 5.79 | 27.856 | 25.6 | 2.485 |
| | | | | | | | | | 3000 | 2.74 | 34.911 | 5.84 | 27.861 | 25.1 | 2.595 |
| | | | | | | | | | 3250 | 2.57 | 34.901 | 5.86 | 27.867 | 24.6 | 2.704 |
| | | | | | | | | | 3500 | 2.21 | 34.872 | 5.77 | 27.874 | 23.9 | 2.811 |

E) ALTERNATE VALUE. 34.409 PPT.

| | | 31 57 | p | | CATO E | XPENITION | V 1 | | | 32 ST | D | |
|-------|-------|-----------------------|-------------------|-------|------------------------|-----------|-------|-------|-----------------------|-------------------|-------|------------------------|
| LATIT | | LONGITUDE 40 32.0% | MO/DAY/ 11/24/ | | START TIME 0253 GMT | | LATI | | LONGITUDE 37 51.1W | MO/DAY/ 11/24/ | | START TIME 1938 GMT |
| 7 | τ | s | SIGMA T | DT | 00 | | z | T | s | SIGMA T | DT | DD |
| 0 | 19.60 | 36.06 | 25.693 | 230.7 | 0.000 | | 0 | 20.65 | 36.18 | 25.505 | 248.6 | 0.000 |
| 1.0 | 19.52 | | 25.750 | 225.4 | 0.025 | | 10 | 20,44 | 36.18 | 25,561 | 243.2 | |
| 50 | 19.29 | | 25.750 | 225.4 | | | 20 | 20.38 | 36.18 | 25.577 | 241.7 | |
| 3.0 | 19.21 | | 25.771 | 223.5 | | | 30 | 20.36 | 36,18 | 25.577 | 241.7 | |
| 50 | 19.17 | | 25.781 | 222.3 | | | 50 | 20.36 | 36.18 | 25.583 | 241.2 | |
| 60 | 18.78 | | 25.851 | 215,7 | | | 60 | 20.36 | 36.18 | 25,583 | 241.2 | |
| 70 | 18.36 | 35,99 | 25.957 | 205.6 | | | 70 | 19.67 | 36.18 | | 223.8 | |
| 80 | 18.30 | | 25,964 | 204.5 | | | 80 | 19.58 | 36.16 | | 221.5 | |
| 40 | 18.12 | | 26.002 | 201.4 | 0,197 | | 90 | 19.50 | 36.18 | 25.810 | 219.5 | 0.214 |
| 100 | 17.94 | 35,95 | 26.031 | 198.6 | 0.218 | | 100 | 19.45 | 36.17 | 25.816 | 219.0 | |
| 125 | 17.71 | | 26.073 | 194.6 | | | 125 | 19.32 | | 25.834 | 217.3 | |
| 200 | 17.41 | | 26.130 | 189,1 | | | 150 | 16.47 | 36.20 | 26.212 | 193.0 | |
| 250 | 15.61 | | 26.369 | 166.5 | | | 250 | 15.34 | 35.59 | | 161.4 | |
| 300 | 14.96 | | 26,453 | 158.6 | | | 300 | 14.57 | 35.47 | | 159,2 | |
| 350 | 14.47 | 35.53 | 26,513 | 152.6 | 0.669 | | 350 | 14.07 | 35,41 | 26.507 | | |
| 400 | 13.92 | | 26.561 | 148.2 | 0.749 | | 400 | 13.32 | 35.28 | | 148.2 | 0.780 |
| 450 | 13.17 | | 26.609 | 143.8 | | | 450 | 12.42 | 35.13 | 26.627 | 142.0 | |
| 500 | 12.23 | | 26.760 | 137.1 | | | 500 | 11.51 | 34.99 | 26.693 | 135.8 | |
| 600 | 9.99 | | 26.825 | 123.3 | | | 600 | 9.09 | 34.81 | 26.865 | 126.9 | |
| €50 | 8.71 | | 26.934 | 113.0 | | | 650 | 7.95 | 34.53 | 26.933 | 113.0 | |
| 700 | 7.84 | | 26,973 | 109. | | | 700 | 6.96 | 34.44 | 27.005 | 106.3 | |
| 750 | 6.91 | | 26,996 | 107.1 | 1.255 | | 750 | 6.21 | 34.38 | 27.058 | 101.2 | 1.255 |
| 800 | 6.10 | | 27.056 | 101.4 | | | 800 | 5.46 | 34.31 | 27.097 | 97.6 | 1.310 |
| F50 | 5.34 | | 27.127 | 94. | 1.347 | | 850 | 4.89 | 54.28 | 27.140 | 93,5 | |
| 900 | 4.72 | | 27.151 | 92. | 1.398 | | 900 | 4.57 | | 27.168 | 90.8 | |
| 1000 | 4.07 | | 27.221 | 85.8 | 1.496 | | 950 | 3.89 | | 27.207 | 87.1 | |
| 1100 | 3,66 | | 27,287 | 79.6 | 1.587 | | 100 | 3.45 | | 27.307 | 77.6 | 1.597 |
| 1200 | 3,24 | | 27,351 | 73.5 | 1.672 | | 200 | 3.17 | | 27.373 | 71.3 | |
| 1300 | 3,09 | 34.41 | 27.429 | 66.1 | | | 300 | 3.00 | | 27.437 | 65.3 | |
| 1400 | 2,97 | | 27.503 | 59.0 | | | 400 | 2.92 | 34.50 | 27.516 | 57.8 | 1.827 |
| 1500 | 2.97 | | 27.559 | 53.7 | 1.886 | | 500 | 2.87 | | 27.560 | 53,6 | |
| 1700 | 2.84 | | 27.611 | 48.5 | | | 700 | 2.83 | | 27.611 | 48,8 | |
| 1800 | 2.89 | | 27.694 | 41. | 2.062 | | 800 | 2.82 | 34.67 | 27.698 | 44.1 | |
| 1900 | 2.95 | 34.78 | 27,736 | 37.0 | 2.113 | | 900 | 2.87 | | 27.735 | 37.0 | |
| 2000 | 3.04 | 34.83 | 27.768 | 34.0 | | | 2000 | 2.90 | 34.80 | 27.757 | 35.0 | |
| 2100 | 5.20 | 34.88 | 27.792 | 31.6 | 2.210 | 2 | 100 | 2.91 | 34.63 | 27.780 | 32,6 | |
| 2200 | 3.22 | | 27.814 | 29.5 | | | 200 | 2.90 | 34.84 | 27.788 | 32.0 | |
| 2300 | 3,24 | | 27.820 | 29.0 | | | 300 | 2.94 | 34.87 | 27.809 | 30.1 | 2.305 |
| 2500 | 3.17 | | 27.835 | 27.6 | | | 500 | 2.96 | 34.90 | 27.831 | 28.0 | 2.351 |
| 2600 | 3.04 | | 27.847 | 27.2 | | | 2600 | 2.93 | | 27.833 | 27.7 | 2.395 |
| 2700 | 3.01 | | 27,850 | 26. | | | 700 | 2.88 | | 27.846 | 26,5 | 2.485 |
| 2800 | 2.94 | | 27,856 | 25.5 | 2.530 | | 800 | 2.84 | 34.91 | 27.850 | 26.2 | 2.530 |
| 2900 | 2.88 | | 27.854 | 25.6 | 2,575 | 2 | 900 | 2.79 | 34.91 | 27.854 | 25.6 | 2,575 |
| 3000 | 2.82 | | 27.859 | 25.3 | 2,620 | | 0000 | 2.76 | 54.91 | 27.857 | 25.5 | 2.619 |
| 3100 | 2.74 | | 27.867 | 24.6 | 2.664 | | 100 | 2.67 | 34.91 | 27.865 | 24.8 | 2.664 |
| 3200 | 2.67 | 34.92 | 27.873 | 24.0 | 2.708 | | 3200 | 2.60 | 34.91 | 27.871 | 24.2 | 2.707 |
| 3400 | 2,35 | 34.90 | 27.868 | 24.4 | 2.752 | | 3400 | 2.53 | 34,91 | 27.877 | 23,6 | |
| 3500 | 1.86 | | 27.876 | 23. | | | 3456 | 2.43 | 34.87 | 27.871 | 24.3 | |
| 3600 | 1.45 | | 27.867 | 24.6 | | | ,,,,, | 2122 | 34.07 | 514017 | 21.1 | 2,041 |
| 3700 | 1.16 | 34.75 | 27.855 | 25.7 | 7 2,908 | | | | | | | |
| 3800 | 0.77 | | 27.857 | 25.5 | | | | | | | | |
| 3900 | 0.56 | | 27.853 | 25.8 | | | | | | | | |
| 4000 | 0.45 | | 27.852 | 26.0 | | | | | | | | |
| 4200 | 0.34 | | 27.850 | 26.2 | | | | | | | | |
| 1500 | 0.05 | 34,00 | 51,001 | 20.0 | 3.050 | | | | | | | |

RV MELVILLE

| | | RV | MELVILL | £ | | | | CATO | EXPEDITION | V V I | | | | | |
|-------|---------|--------|---------|------|-------|------|-------|-------|------------|-------|--------|---------|--------|-----------|-------|
| | LATITUD | | TUDE | M0/0 | AY/YR | MESS | ENGER | TIME | ROTTOM | WIND | SPEED | WEATHER | nomin | ART WAVES | 2 |
| | 28 56.7 | S 33 | 51.5W | 11/2 | 6/72 | 0214 | 0437 | GMT | 5782M | 340 | 16KT | 1 | 22 | | |
| Z | 7 | S | 02 | P04 | \$103 | N02 | NO3 | Ta | 2 | 1 | s | 02 | SIGT | DT | DD |
| 0 | 19.51 | 35.765 | 4.87 | 0.08 | 1.0 | 0.00 | 0.1 | 249.9 | 0 | 19.51 | 35.765 | 4.87 | 25,491 | 249.9 | 0.000 |
| 31 | 19.05 | 35.761 | 5.16 | 0.07 | 0.8 | 0.00 | 0.0 | 238.4 | 10 | 19.42 | 35.757 | 4,95 | 25.510 | 248.1 | 0.025 |
| 62 | 17.97 | 35,812 | 5.57 | 0.07 | 1.0 | 0.00 | 0.0 | 209.3 | 20 | 19.27 | 35.756 | 5.04 | 25.548 | 244.5 | 0.050 |
| 103 | 17.18 | 35.828 | 5.24 | 0.13 | | 0.01 | 0.6 | 189.8 | 30 | 19.05 | 35.759 | 5,15 | 25.605 | 239.0 | 0.074 |
| 144 | 16.59 | 35.752 | 5.21 | 0.20 | | 0.02 | 1.3 | 182.0 | 50 | 18.59 | 35.789 | 5.44 | 25.797 | 220.9 | 0.120 |
| 1614 | 16.06 | 35,676 | 5.31 | 0.18 | | 0.17 | 0.9 | 175.8 | 75 | 17.67 | 35.824 | 5.50 | 26.002 | 201.3 | 0.173 |
| 185 | 15.77 | 35,641 | 5.29 | 0.22 | | 0.10 | 1,5 | 172.1 | 100 | 17.22 | 35.828 | 5.28 | 26.114 | 190.7 | 0.223 |
| 264A | 14,53 | 35,520 | 5.10 | 0.48 | | 0.02 | 5,6 | 154.8 | 125 | 16.91 | 35.802 | 5.22 | 26,168 | 185.5 | 0.271 |
| 367A | 13.57 | 35.384 | 5.09 | 0.57 | | 0.03 | 7.8 | 145.4 | 150 | 16.40 | 35.723 | 5,25 | 26,229 | 179.8 | 0.318 |
| 470A | 11,16 | 34.986 | 4.78 | 1.04 | | 0.01 | 14.5 | 130.0 | 200 | 15.53 | 35.616 | 5.26 | 26.345 | 168.7 | 0.408 |
| 573A | 8.67 | 34.671 | 4.71 | 1,37 | 10.3 | | 20.8 | 113.0 | 250 | 14.75 | 35.540 | 5.13 | 26.461 | 157.8 | 0.493 |
| 677A | 6.43 | 34.447 | 4.90 | 1.67 | 16.0 | | 24.8 | 39.0 | 300 | 14.23 | 35.489 | 5.10 | 26.533 | 151.0 | 0.574 |
| 780A | 5.06 | 34.343 | 5.08 | 1.89 | 21.7 | | 28.0 | 90.6 | 400 | 12.88 | 35.264 | 4.99 | 26.639 | 140.9 | 0.730 |
| 8834 | 4.26 | 34.315 | 5.06 | 1.98 | | 0.03 | 29.2 | 84.3 | 500 | 10.42 | 34.884 | 4.76 | 26.807 | 125.0 | 0.874 |
| 10884 | 3,32 | 34.388 | 4.67 | 2.13 | | 0.03 | 32.0 | 69.8 | 600 | 8.03 | 34.602 | 4.75 | 26.976 | 109.0 | 1.002 |
| 12924 | 2.98 | 34,516 | 4.41 | 2.17 | | 0.02 | 32.5 | 57.1 | 700 | 6.06 | 34.416 | 4.95 | 27.105 | 96.8 | 1.115 |
| 14984 | 2.83 | 34.641 | 4.50 | 2.02 | | 0.02 | 30.8 | 46.4 | 800 | 4.87 | 34.334 | 5.08 | 27.183 | 89.3 | 1.217 |
| 1702A | 2.80 | 34.731 | 4.80 | 1.88 | 55.2 | | 27.50 | | 1000 | 3.63 | 34.345 | 4.86 | 27.324 | 76.1 | 1.399 |
| 2009A | 2.79 | 34.821 | 5.22 | 1.67 | 47.7 | | 27.70 | | 1200 | 3.08 | 34.456 | 4.50 | 27.465 | 62.6 | 1.554 |
| 2316A | 2.85 | 34.880 | 5.56 | 1.49 | 38.7 | 0.02 | 22.5 | 28.6 | 1500 | 2.83 | 34.643 | 4.50 | 27,637 | 46.3 | 1.744 |
| 2521A | 2.83 | 34,898 | 5.68 | 1.43 | | 0.03 | 21.6 | 27.0 | 1750 | 2.80 | 34.749 | 4.87 | 27.724 | 38.1 | 1.876 |
| 2726A | 2,796 | 34.908 | 5.75 | 1.40 | | 0.01 | 21.4 | 26.0 | 2000 | 2.79 | 34.819 | 5.21 | 27.781 | 32.6 | 1.995 |
| 3035A | 2.654 | 34,906 | 5.78 | 1.39 | 37.8 | | 21.0 | 24.9 | 2250 | 2.84 | 34.670 | 5.50 | 27.818 | 29.2 | 2.107 |
| 3345A | 2,392 | 34.884 | 5.79 | 1.45 | 46.4 | | 21.8 | 24.4 | 2500 | 2.83 | 34.896 | 5.67 | 27.839 | 27.1 | 2.217 |
| 3657A | 1,751 | 34.822 | | 1.68 | 71.8 | | 25.2 | 24.3 | 2750 | 2.79 | 34.908 | 5.75 | 27.853 | 25.9 | |
| 3761A | 1.673 | 34.814 | 5.54 | 1.69 | 75.1 | 0.02 | 25.4 | 24.3 | 3000 | 2.68 | 34.906 | 5.78 | 27.862 | 25.9 | 2.327 |
| | | | | 07 | | 0.00 | | | 3250 | 2.50 | 34.893 | 5.79 | | | |
| | | | | | | | | | 3500 | 2.06 | 34.850 | | 27.867 | 24.5 | 2.544 |
| | | | | | | | | | 3750 | 1.68 | | 5.73 | 27.869 | 24.4 | 2.648 |
| | | | | | | | | | 3/30 | 1.00 | 34.814 | 5.55 | 27,870 | 24.3 | 2.747 |

| | | 33 ST | | | CATO EXP | DITION VI | | | 34 ST | D | |
|---------|-------|-----------|-------------------|-------|------------------------|----------------|-------|-----------------------|---------|-------|------------|
| 10 26 . | | 1000 TUDE | MO/DAY/ 11/25/ | | START TIME 1051 GMT | LATIT 28 56 | | LONGITUDE 33 51.5W | 11/26/ | | START TIME |
| 2 | T | S | SIGMA T | nr | DD | Z | т | s | SIGMA T | DT | DD |
| 10 | 19.42 | 36.04 | 25.724 | 227.7 | | 10 | 19.57 | 35.80 | 25.502 | 248.8 | |
| 20 | 19.40 | 36.04 | 25.730 | 227.2 | | 20 | 19.11 | 35.77 | 25.599 | 239.7 | |
| 30 | 19.41 | 36.05 | 25.735 | 226.7 | | 30 | 19.04 | 35.76 | 25.609 | 238.7 | |
| 40 | 19.42 | 36.06 | 25.740 | 226.3 | 0.091 | 40 | 18.95 | 35.76 | 25.632 | 236.5 | |
| 50 | 19.35 | 36.05 | 25.750 | 225.3 | | 50 | 18.38 | 35.76 | 25.776 | 222.8 | |
| 60 | 18.30 | 35.95 | 25.942 | 207.1 | 0.136 | 60 70 | 18.14 | 35.77 | 25.851 | 215.6 | |
| 80 | 17.96 | 35.88 | 25.973 | 204.1 | | 80 | 17.56 | 35.81 | 26.012 | 206.9 | |
| 90 | 17.39 | 35,83 | 26.074 | 194.5 | | 90 | 17.33 | 35.83 | 26.089 | 193.1 | |
| 100 | 17.17 | 35.83 | 26.127 | 189.4 | | 100 | 17.17 | 55.83 | 26.127 | 189.4 | |
| 125 | 16.65 | 35.77 | 26.205 | 182.1 | | 125 | 16.84 | 35.78 | 26.168 | 185,6 | 0.272 |
| 150 | 16.29 | 35.74 | 26.267 | 176.2 | 0.309 | 150 | 16.52 | 35.71 | 26.190 | 183,5 | |
| 200 | 15.56 | 35.63 | 26.350 | 168.4 | | 200A 250A | 15.42 | 35.63 | 26.381 | 165,4 | |
| 300 | 14.35 | 35.50 | 26.516 | 152.5 | | 300A | 14.64 | 35.49 | 26.528 | 155,6 | |
| 350 | 13,93 | 35.46 | 26.575 | 147.0 | | 350A | 13.81 | 35.43 | 26.577 | 146.8 | |
| 400 | 13.25 | 35.31 | 26.600 | 144.6 | | 400A | 12.67 | 35.20 | 26.632 | 141.6 | |
| 450 | 11.84 | 35.08 | 26.700 | 135.1 | | 450A | 11.59 | 35.03 | 26.709 | 134,3 | |
| 500 | 10.98 | 34.96 | 26.767 | 128.8 | | 500A | 10.34 | 34.86 | 26.803 | 125.3 | 0.875 |
| 600 | 9.95 | 34.77 | 26.801 | 125.6 | | 550A | 9.30 | 34.71 | 26.863 | 119.7 | |
| 650 | 7.53 | 34.50 | 26.971 | 115.9 | | 600A 650A | 7.33 | 34.59 | 26.956 | 110.9 | |
| 700 | 6.46 | 34.43 | 27.065 | 100.6 | | 700A | 6.10 | 34.42 | 27.104 | 96.9 | |
| 750 | 5.54 | 34.34 | 27.111 | 96.2 | | 750A | 5.42 | 34.37 | 27.149 | 92.6 | |
| 800 | 5.17 | 34.30 | 27.123 | 95.0 | 1.232 | 800A | 4.91 | 34.34 | 27.185 | 69.2 | |
| 850 | 4.81 | 34.31 | 27.173 | 90.4 | | 850A | 4.40 | 34.32 | 27.226 | 85.3 | |
| 900 | 4.55 | 34.31 | 27.201 | 87.6 | | 900A | 4.10 | 34.32 | 27.258 | 82.3 | 1,316 |
| 1000 | 4.32 | 34.31 | 27.226 | 85.3 | | 950A | 3.79 | 34.32 | 27.289 | 79.3 | |
| 1100 | 3.63 | 34.33 | 27.256 | 77.0 | | 1000A 1100A | 3.55 | 34.35 | 27.337 | 67.9 | |
| 1200 | 3.37 | 34.37 | 27.370 | 71.6 | | 1200A | 3.08 | 34.47 | 27.477 | 61.5 | |
| 1300 | 3.14 | 34.42 | 27,432 | 65.8 | | 1300A | 2.97 | 34.52 | 27.527 | 56,8 | |
| 1400 | 3.01 | 34.45 | 27,468 | 62.4 | | 1400A | 2.89 | 34.59 | 27.590 | 50.8 | |
| 1429 | 2.94 | 34.47 | 27.490 | 60.3 | 1,770 | 1500A | 2.85 | 34.64 | 27.634 | 46.7 | |
| | | | | | | 1600A | 2.83 | 34.69 | 27.675 | 42.7 | |
| | | | | | | 1700A 1800A | 2.80 | 34.73 | 27.710 | 39.4 | |
| | | | | | | 1900A | 2.80 | 34.76 | 27.734 | 37.2 | |
| | | | | | | 2000A | 2.80 | 34.82 | 27.782 | 32.7 | |
| | | | | | | 2100A | 2.81 | 34.83 | 27.789 | 32.0 | |
| | | | | | | 2200A | 2.83 | 34.85 | 27.803 | 30.6 | |
| | | | | | | 2300A | 2.84 | 34.87 | 27.818 | 29.2 | 2.130 |
| | | | | | | 2400A | 2.84 | 34.87 | 27.818 | 29.2 | |
| | | | | | | 2500A 2600A | 2.85 | 34.90 | 27.841 | 27.0 | |
| | | | | | | 2700A | 2.81 | 34.90 | 27.845 | 26.7 | |
| | | | | | | 2800A | 2.76 | 34.91 | 27.857 | 25.5 | |
| | | | | | | 2900A | 2.72 | 34.91 | 27.860 | 25.2 | |
| | | | | | | 3000A | 2.68 | 34.90 | 27.856 | 25.6 | 2.438 |
| | | | | | | 3100A | 2.65 | 34.90 | 27.859 | 25.3 | 2.483 |
| | | | | | | 3200A | 2.53 | 34.90 | 27.869 | 24.4 | |
| | | | | | | 3300A 3400A | 2.47 | 34.89 | 27.866 | 24.6 | |
| | | | | | | 3500A | 2.27 | 34.86 | 27.871 | 23.8 | |
| | | | | | | 3600A | 1.94 | 34.84 | 27.870 | 24.3 | |
| | | | | | | 3700A | 1.72 | 34.82 | 27.871 | 24.2 | 2,732 |
| | | | | | | 3787A | 1.62 | 34.81 | 27.870 | 24.2 | 2.765 |

| | | RV | MELVILLE | | | | | CATC | EXPEDITION | V1 | | | | | |
|-------|---------|--------|----------|------|-------|------|-------|-------|------------|-------|--------|---------|--------|-----------|-------|
| | LATITUD | E LONG | STUDE | MOVE | AY/YR | | ENGER | TINE | ROTTOM | WIND | SPEED | WEATHER | | ANT WAVES | |
| | 30 56.2 | S 31 | 23.9W | 11/2 | 6/72 | 215A | 2354 | GMT | 4078M | 040 | 354T | 2 | 04 | 0 14 | |
| Z | τ | s | 02 | P04 | \$103 | N02 | NO3 | DT | 2 | T | s | 62 | 5161 | DT | DD |
| 0 | 19.46 | 35,926 | 5.36 | 0.06 | 1.0 | 0.00 | 0.0 | 237.0 | 0 | 19.46 | 35.926 | 5.36 | 25,627 | 237.0 | 0.000 |
| 31 | 19.49 | 35,921 | 5.36 | 0.05 | 0.8 | 0.00 | 0.0 | 238.1 | 10 | 19.47 | 35.923 | 5.36 | 25,623 | 237.3 | 0.024 |
| 62 | 17.47 | 35,777 | 5.64 | 0.09 | 1.0 | 0.00 | 0.0 | 200.2 | 20 | 19.48 | 35,921 | 5.36 | 25,620 | 237.7 | 0.048 |
| 94 | 16.88 | 35.772 | 5.51 | 0.13 | | 0.00 | 0.0 | | 30 | 19.49 | 35.920 | 5.36 | 25,616 | 238.0 | 0,071 |
| 125 | 16.02 | 35,678 | 5.15 | 0.32 | 1.5 | 0.04 | 2.8 | 174.8 | 50 | 18.29 | 35.827 | 5.54 | 25,851 | 215.7 | 0.117 |
| 1444 | | 35.677 | | 0.51 | | 0.04 | 2,6 | | 75 | 17.16 | 35.773 | 5.59 | 26.087 | 193.3 | 0.169 |
| 154 | 15.44 | 35,607 | 5.10 | 0.40 | 1.6 | 0.01 | 3.8 | 167.5 | 100 | 16.71 | 35.755 | 5.44 | 26,179 | 184.5 | 0.217 |
| 247A | 14.34 | 35.435 | 5.05 | 0.56 | 2.1 | 0.02 | 6.2 | 157.1 | 125 | 16,02 | 35.678 | 5.15 | 26,281 | 174.8 | 0.262 |
| | 13.53 | 35,365 | 5.04 | 0.63 | | 0.02 | 8.2 | 146.0 | 150 | 15,51 | 35.615 | 5.11 | 26.350 | 168.3 | 0.306 |
| | 11.55 | 35.041 | 4.85 | 1.02 | 5.0 | 0.01 | 13.4 | 132.4 | 200 | 14.80 | 35.510 | 5.08 | 26.426 | 161.1 | 0.391 |
| 583A | | 34.649 | 4.83 | 1.41 | | 0.01 | 21.0 | 112.6 | 250 | 14.52 | 35,433 | 5.05 | 26.471 | 156.8 | 0.474 |
| 737A | 5.68 | 34.367 | 5.20 | 1.79 | 16.2 | 0.01 | 26.0 | 95.8 | 300 | 13.97 | 35.409 | 5.04 | 26.527 | 151.5 | 0.555 |
| 865A | 4.32 | 34.270 | 5.45 | 1.95 | 22.4 | | 28.0 | 88.3 | 400 | 12.65 | 35.221 | 4.95 | 26,652 | 139.7 | 0.711 |
| 1070A | 3.37 | 34.308 | 5.11 | 2.15 | 36.7 | | 31.4 | 76.3 | 500 | 10.44 | 34.886 | 4.84 | 26.806 | 125.1 | 0.854 |
| 1275A | 3.02 | 34.435 | 4.56 | 2.19 | 51.2 | | 32.0 | 63.6 | 600 | 8.16 | 34.608 | 4.86 | 26,961 | 110.3 | 0.983 |
| 1480A | 2.82 | 34.563 | 4.45 | 2.19 | 63.2 | | 31.7 | 52.2 | 700 | 6.27 | 34.418 | 5.10 | 27.080 | 99.2 | 1.098 |
| 1685A | 2.79 | 34.688 | 4.56 | 2.00 | 58.6 | 0.01 | 29.6 | 42.5 | 800 | 4.92 | 34.308 | 5.35 | 27.158 | 91.7 | 1.202 |
| 1992A | 2.79 | 34.787 | 5.06 | 1.79 | 51.2 | | 26.0 | 35.1 | 1000 | 3.58 | 34.280 | 5.29 | 27,278 | 80.4 | 1.391 |
| 2301A | 2.80 | 34.853 | 5.47 | 1.57 | 42.7 | | 23.0 | 30.2 | 1200 | 3.10 | 34.384 | 4.75 | 27.406 | 68.2 | 1.556 |
| 2506A | 2.79 | 34.880 | 5.59 | 1.41 | 39.0 | | 22,5 | 28.0 | 1500 | 2.82 | 34.578 | 4.45 | 27.586 | 51.2 | 1.761 |
| 2712A | 2.76 | 34.895 | 5.69 | 1.42 | 37.3 | | 21.4 | 26.6 | 1750 | 2.79 | 34.716 | 4.65 | 27.699 | 40.5 | 1.902 |
| 3021A | 2.60 | 34.893 | 5.77 | 1.41 | 41.1 | 0.01 | 21.5 | 25.5 | 2000 | 2.79 | 34.789 | 5.07 | 27.758 | 34.9 | 2.027 |
| 3331A | 2.300 | 34.874 | 5.69 | 1,56 | 51.0 | | 22.8 | 24.5 | 2250 | 2.80 | 34.844 | 5.42 | 27.801 | 30.8 | 2.143 |
| 3642A | 1.845 | 34.827 | 5.51 | 1.70 | 69.6 | | 25.0 | 24.6 | 2500 | 2.79 | 34.879 | 5.59 | 27.830 | 28.1 | 2.256 |
| 3954A | 1.364 | 34.768 | 5.450 | 1.94 | 93.1 | | 27.6 | 25.7 | 2750 | 2.75 | 34.895 | 5.71 | 27.846 | 26.5 | 2,366 |
| 4058A | 1,158 | 34.747 | 5.19 | 1.99 | 102.3 | 0.01 | 28.5 | 25.P | 3000 | 2.62 | 34.893 | 5.77 | 27,857 | 25.5 | 2.476 |
| | | | | | | | | | 3250 | 2.19 | 34.880 | 5.72 | 27,865 | 24.7 | 2.583 |
| | | | | | | | | | 3500 | 2.06 | 34.849 | 5.60 | 27.867 | 24.5 | 2.687 |
| | | | | | | | | | 3750 | 1.70 | 34.808 | 5.44 | 27.863 | 24.9 | 2.787 |
| | | | | | | | | | 4000 | 1.27 | 14 759 | 5.24 | 27 855 | 25.7 | 2 881 |

| | | | RV MEL | VILL | Ε | | | | CATO | EXPEDITION | VI. | | | | | |
|-----|--------------------|-------|----------|-------|------|-------|---------------|-------|-------|-----------------|-------------|---------------|-----------|--------|-----------|-------|
| | 14TITUD 32 39,2 | | ONG 1 TO | | | AY/YR | MESSE 1848 | NGER | TIME | 80110M 3479M | WIND 230 | SPEED 40KT | WEATHER 6 | | ANT WAVES | |
| 2 | T | s | | 02 | P04 | \$103 | N02 | NO3 | DT | Z | т | s | 02 | SIGT | 70 | aa |
| 0 | 18.00 C | 35,88 | C | | | | | | 205.1 | 0 | 18.00 | 35.880 | | 25,963 | 205.1 | 0.000 |
| 60 | 18.00 C | | | | | | | | 205.1 | 10 | 18.00 | 35,879 | | 25,963 | 205.1 | 0.021 |
| 115 | 17.20 | 35,80 | 2 ! | 5.45 | 0.12 | 1.0 | 0.00 | 0.0 | 192.2 | 20 | 18.00 | 35.879 | | 25.963 | 205.1 | 0.041 |
| 216 | 15.08 | 35,56 | | 5,25 | 0.37 | | 0.02 | 3.7 | 163.2 | | 18.00 | 35.879 | | 25.963 | 205.1 | 0.062 |
| 316 | 14.01 | 35.45 | | 5.10 | 0.49 | 2.3 | 0.01 | 6.8 | 149.0 | | 18.00 | 35.879 | | 25.963 | 205.1 | 0.103 |
| 415 | 12.44 | 35,18 | | 1.99 | 0.83 | 3.6 | | 14.6 | 138.4 | 75 | 17.73 | 35.852 | | 26,008 | 200.7 | 0.154 |
| 515 | 10.44 | 34,88 | | 1.79 | 1.10 | 6.0 | | 15.9 | 125.0 | 100 | 17.30 | 35.812 | | 26.082 | 193.7 | 0.204 |
| 614 | 8.11 | 34,59 | 4 4 | 1.82 | 1.45 | 10,1 | | 20.20 | 110.6 | 125 | 17.02 | 35.779 | 5.43 | 26,125 | 189.7 | 0.253 |
| 713 | 5.95 | 34.37 | 0 ! | 5.34 | 1.70 | 13.2 | | 22.80 | 98.8 | 150 | 16.55 | 35.723 | 5.38 | 26.194 | 183.1 | 0.301 |
| 813 | 4.95 | 34.29 | 6 ! | 5.46 | 1.81 | 17.5 | 0.02 | 25.10 | 92.9 | 200 | 15.46 | 35.601 | 5.28 | 26.349 | 168.4 | 0.392 |
| 911 | 4.25 | 34.25 | 7 ! | 5.32 | 1.93 | 20,9 | | 25.74 | 88.5 | 250 | 14.69 | 35.528 | 5.19 | 26.465 | 157.4 | 0.476 |
| 108 | 3.26 | 34.29 | | 5.14 | 2.12 | 36.1 | | 28.00 | 76.1 | 300 | 14,16 | 35.473 | 5.12 | 26,536 | 150.7 | 0.557 |
| 305 | 2.92 | 34.41 | 0 1 | +.63 | 2.22 | 48.5 | | 28.10 | 64.6 | 400 | 12.71 | 35.231 | 5.01 | 26.649 | 140.0 | 0.712 |
| 503 | 2.80 | 34,53 | 2 (| 4.41 | 2.19 | 58.6 | | 29.11 | 54.4 | 500 | 10.76 | 34.932 | 4.82 | 26.784 | 127.1 | 0.857 |
| 800 | 2.80 | 34.71 | 3 (| +.50 | 1.98 | 56.1 | | 26.80 | 40.7 | 600 | 8.44 | 34.633 | 4.82 | 26.938 | 112.6 | 0.988 |
| 100 | 2.83 | 34.80 | | 4.92 | 1.73 | 50.6 | 0.00 | 24.4 | 34.1 | 700 | 6.20 | 34.393 | 5.27 | 27,069 | 100,1 | 1.105 |
| 55 | 2.793 | 34,86 | | 5.46 | 1.55 | 41.1 | | 21.7 | 29.1 | 800 | 5.04 | 34.302 | 5.44 | 27,139 | 93.5 | 1.211 |
| 657 | 2.76 | 34.88 | 8 ! | 5.51U | 1.47 | 40.2 | | 21.0 | 27.2 | 1000 | 3.73 | 34.261 | 5,25 | 27.248 | 83.2 | 1.405 |
| 812 | 2.670 | 34.88 | 8 ! | 5.63 | 1,46 | 41.4 | | 21.0 | 26.4 | 1200 | 3.05 | 34.346 | 4.90 | 27.381 | 70.6 | 1.575 |
| 055 | 2.514 | 34.87 | 9 ! | 5.63 | 1,50 | 45.7 | | 21.4 | 25.8 | 1500 | 2.80 | 34.531 | 4.41 | 27.551 | 54.6 | 1.789 |
| 341 | 2.150 | 34.84 | 5 ! | 5.56 | 1.61 | 59.2 | | 22.7 | 25.5 | 1750 | 2.80 | 34.688 | 4.48 | 27.675 | 42.7 | 1.936 |
| 449 | 2.045 | 34.83 | | 5.44 | 1,64 | 64.4 | 0.00 | 23,2 | 25.4 | 2000 | 2.82 | 34.780 | 4.76 | 27.748 | 35.8 | 2.064 |
| 500 | 2.01 | 34.83 | 2 | | | | | | 25.4 | 2250 | 2.82 | 34.835 | 5.17 | 27,792 | 31.7 | 2.184 |
| | | | | | | | | | | 2500 | 2.79 | 34.872 | 5.50 | 27.824 | 28.6 | 2.298 |
| | | | | | | | | | | 2750 | 2.71 | 34.888 | 5.62 | 27.844 | 26.7 | 2.409 |
| | | | | | | | | | | 3000 | 2.53 | 34.880 | 5.63 | 27,853 | 25.9 | 2.518 |
| | | | | | | | | | | 3250 | 2.26 | 34.854 | 5.58 | 27.856 | 25.5 | 2.625 |
| | | | | | | | | | | 3500 | 2.01 | 34.832 | | 27.858 | 25.4 | 2.729 |

C) THESE VALUES HAVE BEEN ENTERED FROM THE STD AS NO NANSEN BOTTLES WERE PLACED ON THE WIRE ABOVE 115 METERS.

| | | 35 ST | D | | CATO EX | PEDITION | VI | | | 36 ST | 0 | | |
|----------------|-------|----------------|---------|-------|------------------------|----------|----------------|-------|-----------------------|------------------|-------|------------|--|
| LATIT | | LONGITUDE | MO/DAY/ | | START TIME 1955 GMT | | LATI1 32 39 | | LONGITUDE 28 51.1W | MO/DAY/ | | START TIME | |
| 30 56 | .25 | 31 23.9 W | 11/20/ | 12 | 1433 641 | | 32 3 | 5 | 20 51.1W | 11/2// | 12 | 1642 GMT | |
| 7 | T | S | SIGMA T | OT | DD | | Z | Ţ | s | SIGMA T | DT | 00 | |
| 0 | 19.42 | 35.88 | 25.602 | 239.3 | 0.000 | | 0 | 18.00 | 35.88 | 25.963 | 205.1 | 0.000 | |
| 10 | 19.43 | 35.88 | 25.600 | 239.6 | | | 10 | 17.99 | 35.88 | 25,965 | 204.8 | | |
| 20 | 19.41 | 35,89 | 25,613 | 238.3 | | | 20 | 18.01 | 35.88 | 25.960 | 205.3 | | |
| 30 | 19.41 | 35.89 | 25.613 | 238.3 | 0.072 | | 30 | 18.01 | 35.88 | 25.960 | 205.3 | 0.062 | |
| 40 | 19.36 | 35.86 | 25.603 | 239.5 | | | 40 | 18.00 | 35.88 | 25.963 | 205.1 | | |
| 50 | 18.31 | 35.74 | 25.779 | 222,6 | 0.119 | | 50 | 16.00 | 35.88 | 25.963 | 205.1 | 0.103 | |
| 60 | 17.64 | 35.78 | 25.975 | 203.9 | | | 60 | 18.00 | 35.88 | 25.963 | 205.1 | | |
| 70 | 17.36 | 35.80 | 26.058 | 196.0 | 0.161 | | 70 | 17.96 | 35.88 | 25.973 | 204.1 | | |
| 80 | 17.08 | 35.82 | 26.141 | 188.1 | | | 80 | 17.94 | 35.87 | 25.970 | 204.4 | | |
| 90 | 16.87 | 35.77 | 26,153 | 187.0 | | | 90 | 17.71 | 35.83 | 25.996 | 201.9 | | |
| 100 | 15,98 | 35.76 | 26.202 | 182.3 | | | 100 | 17.18 | 35.78 35.72 | 26.086 | 193.3 | 0.206 | |
| 125 | 15.50 | 35.66 | 26,277 | 175.3 | | | 150 | 16.67 | 35.63 | 26.247 | 186.1 | 0.301 | |
| 200A | 15.08 | 35.58 | 26.418 | 161.6 | | | 200 | 15.20 | 35,57 | 26.384 | 165.1 | 0.389 | |
| 250A | 14.33 | 35.46 | 26.490 | 155.1 | | | 250 | 14.62 | 35.53 | 26.481 | 155.9 | 0.473 | |
| 300A | 14.17 | 35.47 | 26.532 | 151.1 | | | 300 | 14.26 | 35.48 | 26.520 | 152.2 | | |
| 350A | 13.52 | 35.36 | 26,583 | 146.2 | | | 350 | 13.81 | 35.43 | 26.577 | 146.8 | | |
| 400A | 12.71 | 35.22 | 26,639 | 140.9 | 0.713 | | 400 | 13.23 | 35.31 | 26.604 | 144.2 | 0.711 | |
| 450A | 11.78 | 35.04 | 26,681 | 137.0 | 0.788 | | 450 | 12.15 | 35.09 | 26.649 | 140.0 | 0.788 | |
| 500A | 10.41 | 34.85 | 26,783 | 127.2 | | | 500 | 10.95 | 34.92 | 26.741 | 131.2 | | |
| 550A | 9.24 | 34.74 | 26.896 | 116.6 | | | 550 | 9.86 | 34.77 | 26.816 | 124.1 | | |
| 600A | 8.29 | 34.55 | 26.898 | 116.4 | | | 600 | 8.85 | 34.64 | 26.881 | 118.0 | | |
| 650A | 7.15 | 34.49 | 27.018 | 105.0 | | | 650 | 7.74 | 34.50 | 26.941 | 112.3 | 1.061 | |
| 700A | 6.38 | 34.41 | 27.059 | 101.1 | | | 700 750 | 6.73 | 34.43 | 27.028 | 104.0 | | |
| 750A 800A | 5.67 | 34.35 34.27 | 27.103 | 97.0 | | | 800 | 5.80 | 34.32 | 27.063 | 96.8 | | |
| 850A | 4.33 | 34.27 | 27.194 | 88.4 | | | 850 | 4.75 | 54.26 | 27.140 | 93.5 | | |
| 900A | 4.09 | 34.28 | 27.227 | 85.2 | | | 900 | 4.31 | 34.27 | 27.196 | 88.2 | | |
| 950A | 3.79 | 34.27 | 27.250 | 83.1 | | | 950 | 4.09 | 34.24 | 27.195 | 88.2 | 1.381 | |
| 1000A | 3,53 | 34.30 | 27.299 | 78.4 | | | 000 | 3.84 | 34.26 | 27.237 | 64.3 | 1.428 | |
| 1100A | 3,28 | | 27.355 | 73.1 | | | 100 | 3.34 | 34.29 | 27.310 | 77.4 | 1.517 | |
| 12004 | 3.11 | 34.40 | 27.419 | 67.0 | | 1 | 200 | 3.09 | 34.34 | 27.373 | 71.4 | | |
| 1300A | 2.99 | 34.47 | 27.485 | 60.7 | | | 300 | 2.93 | 34.40 | 27.435 | 65.5 | 1.676 | |
| 1400A | 2.92 | 34.52 | 27,532 | 56.3 | | | 400 | 2.83 | 34.48 | 27.508 | 58.6 | 1.747 | |
| 1500A | 2.83 | 34.56 | 27.588 | 51.0 | | | 500 | 2.78 | 34.54 | 27.560 | 53.6 | | |
| 1600A | 2.82 | 34.63 | 27.628 | 47.2 | | | 630 | 2.77 | 34.61 | 27.617 | 48.3 | | |
| 1700A | 2.80 | 34.69 | 27.678 | 42.5 | | | 700 | 2.77 | 34.65 | 27.649 | 45.2 | | |
| 1800A 1900A | 2.79 | 34.75 | 27.703 | 37.6 | | | 900 | 2.78 | 34.70 | 27.688 | 41.5 | | |
| 2000A | 2.78 | 34.79 | 27.759 | 34.7 | | | 000 | 2.81 | 34.77 | 27.741 | 36.5 | | |
| 2100A | 2.78 | 34.81 | 27.775 | 33.2 | | | 100 | 2.82 | 34.80 | 27.764 | 34.3 | 2.135 | |
| 2200A | 2.79 | 34.84 | 27.798 | 31.1 | | | 200 | 2.81 | 54.83 | 27.789 | 32.0 | 2.183 | |
| 2300A | 2.79 | 34.85 | 27.806 | 30.3 | | | 300 | 2.82 | 34.84 | 27.796 | 31.3 | | |
| 240CA | 2.80 | 34.87 | 27.821 | 28.9 | | | 400 | 2.80 | 34.86 | 27.813 | 29.6 | | |
| 2500A | 2.79 | 34.88 | 27.830 | 28.0 | 2.260 | 2 | 500 | 2.80 | 34.87 | 27.821 | 28.9 | 2.320 | |
| 2600A | 2.78 | 34.88 | 27.831 | 28.0 | | | 600 | 2.78 | 34.89 | 27.839 | 27.2 | 2.365 | |
| 2700A | 2.77 | 34.89 | 27.840 | 27.1 | | | 700 | 2.73 | 34.89 | 27.844 | 26.8 | 2.409 | |
| 2800A | 2.74 | 34.89 | 27.843 | 26.9 | | | 800 | 2.68 | 34.89 | 27.848 | 26.4 | | |
| 2900A | 2.70 | 34.90 | 27.854 | 25.8 | | | 900 | 2.60 | 34.89 | 27.855 | 25.7 | | |
| 3000A | 2.63 | 34.89 | 27.852 | 25.9 | | | 000 | 2.53 | 34.88 | 27.853 | 25.9 | 2.539 | |
| 3100A 3200A | 2.57 | 34.89 | 27.858 | 25.4 | | | 200 | 2.46 | 34.88 | 27.859 27.857 | 25.3 | 2.582 | |
| 3300A | 2.38 | 34.68 | 27.866 | 24.7 | | | 300 | 2.39 | 34.85 | 27.857 | 25.5 | 2.668 | |
| 3400A | 2.22 | 34.86 | 27.863 | 24.5 | | | 400 | 2.09 | 34.84 | 27.858 | 25.4 | 2.709 | |
| 3500A | 2.12 | 34.85 | 27.864 | 24.5 | | | 484 | 2.00 | 34.83 | 27.857 | 25.5 | | |
| 3600A | 1.97 | 34.83 | 27.860 | 25.3 | | | | | | | | | |
| 3700A | 1.76 | 34.81 | 27.860 | 25.2 | 2,778 | | | | | | | | |
| 38004 | 1.59 | 34.79 | 27.857 | 25.5 | 2.818 | | | | | | | | |
| 39004 | 1.45 | | 27.859 | 25.3 | 2.856 | | | | | | | | |
| 4000A | 1.28 | | 27.855 | 25.7 | | | | | | | | | |
| 4088A | 1.08 | 34.73 | 27.845 | 26.7 | 2.924 | | | | | | | | |

| | | RV I | PELVILLE | | | | | CATO | EXPEDITIO | 014 VI | | | | | |
|-------|-----------|----------|----------|------|---------------|------|---------------|-------|-----------------|-------------|---------------|---------|--------|-----------|-------|
| | 1 ATTTUDE | | 110DE | | AY/YR 8/72 | | ENGER 1250 | TIME | HOTTOM 4085M | WINU 210 | SPEED 17KT | WEATHER | | ANT WAVES | |
| Z | T | S | 02 | P04 | \$105 | NO2 | NO3 | DT | 2 | 1 | 9 | 02 | 5161 | DT | 00 |
| 0 | 17.82 | 35.738 | 5.67 | 0.12 | 1.6 | 0.00 | 0.0 | 211.2 | 0 | 17.82 | 35.738 | 5.67 | 25.699 | 211.2 | 0.000 |
| 41 | 17.73 | 35.760 | 5,53 | 0.11 | 1.2 | 0.00 | 0.0 | 207.5 | 10 | 17.80 | 35.733 | 5.61 | 25,901 | 210.9 | 0.021 |
| 82 | 17.18 | 35.735 | 5.62 | 0.10 | 1.3 | 0.00 | 0.0 | 196.6 | 20 | 17.78 | 35.735 | 5.57 | 25,908 | 210.2 | 0.042 |
| 124 | 16,15 | 35,656 | 5.41 | 0.21 | 1.6 | 0.06 | 1.0 | 178.8 | 30 | 17.75 | 35.743 | 5.54 | 25,920 | 209.2 | 0.063 |
| 166 | 15.10 | 35.530 | 5.22 | 0.38 | 1.7 | 0.01 | 4.0 | 165.9 | 50 | 17.65 | 35.758 | 5.55 | 25.957 | 205.7 | 0.105 |
| 207 | 14.59 | 35.486 | 5.14 | 0.47 | 2.1 | 0.00 | 5.3 | 158.5 | 75 | 17.51 | 35.742 | 5.61 | 26.028 | 198.9 | 0.156 |
| 233A | | 35.506 V | 5.13v | 0.46 | 2.2 | 0.01 | 5.7 | | 100 | 16.76 | 35.706 | 5.55 | 26.131 | 189.1 | 0.20 |
| 336A | 13.41 | 35,351 | 5.07 | 0.65 | 3.0 | 0.01 | 6.3 | 144.7 | 125 | 16.10 | 35.652 | 5.40 | 26.243 | 178.5 | 0.25 |
| 439A | 11.77 | 35.063 | 4.67 | 0.88 | 4.8 | 0.01 | 12.5 | 155.1 | 150 | 15.46 | 35.575 | 5.28 | 26.330 | 170.2 | 0.29 |
| 542A | 9.13 | 34.723 | 4.89 | 1.37 | 8.2 | 0.00 | 18.2 | 116.1 | 200 | 14.66 | 35.490 | 5.15 | 26.443 | 159.5 | 0.38 |
| 645A | 6.80 | 34.445 | 5.18 | 1,60 | 11.7 | 0.00 | 25.5 | 103.A | 250 | 14.21 | 35.456 | 5.11 | 26.512 | 153.0 | 0.46 |
| 749A | 5.10 | 34.281 | 5.63 | 1.80 | 14.9 | 0.03 | 27.2 | 95.7 | 300 | 13.76 | 35.402 | 5.09 | 26.567 | 147.7 | 0.54 |
| 851A | 4.43 | 34.266 | 5.56 | 1.95 | 20.2 | 0.01 | 25.0U | 89.7 | 400 | 12.49 | 35.185 | 4.94 | 26.657 | 139.2 | 0.69 |
| 1057A | 3.46 | 34.299 | 5.15 | 2.12 | 34.7 | 0.02 | 24.40 | 77.8 | 500 | 10.25 | 34.857 | 4.88 | 26.817 | 124.0 | 0.83 |
| 1261A | 2.91 | 34.381 | 4.75 | 2.22 | 48.7 | 0.01 | 22.70 | 66.7 | 600 | 7.76 | 34.555 | 5.03 | 26,981 | 108.5 | 0.96 |
| 14664 | 2.79 | 34.521 | 4.40 | 2.22 | 59.0 | 0.00 | 20.80 | 55.1 | 700 | 5.80 | 34.342 | 5.44 | 27.080 | 99.1 | 1.07 |
| 1671A | 2.78 | 34.642 | 4.49 | 2.10 | 59.6 | 0.00 | 23.70 | 45.9 | 800 | 4.70 | 34.265 | 5.60 | 27.149 | 92.6 | 1.18 |
| 19794 | 2.80 | 34.752 | 4.94 | 1.84 | 53.6 | 0.02 | 25.2 | 37.8 | 1000 | 3.68 | 34.284 | 5.28 | 27,271 | 81.0 | 1.37 |
| 2286A | 2.82 | 34.839 | 5.34 | 1.57 | 45.5 | 0.00 | 22.8 | 31.4 | 1200 | 3.05 | 34.352 | 4.87 | 27.587 | 70.0 | 1.54 |
| 2492A | 2.80 | 34.869 | 5.48 | 1.54 | 42.2 | 0.00 | 22.0 | 29.0 | 1500 | 2.79 | 34.544 | 4.41 | 27.562 | 53.4 | 1.75 |
| 2697A | 2.76 | 34.878 | 5,59 | 1.50 | 41.2 | 0.01 | 20.9 | 27.9 | 1750 | 2.78 | 34.676 | 4.59 | 27.668 | 43.4 | 1.89 |
| 3007A | 2.565 | 34.882 | 5.64 | 1.50 | 45.2 | 0.00 | 21.2 | 26.0 | 2000 | 2.80 | 34.759 | 4.97 | 27.733 | 37.3 | 2.02 |
| 3316A | 2.167 | 34.842 | 5,56 | 1.60 | 57.5 | 0.00 | 22.7 | 25.9 | 2250 | 2.82 | 34.831 | 5.30 | 27.788 | 32.0 | 2.15 |
| 3626A | 1.56 | 34.785 | 5.38 | 1.83 | | 0.00 | 25.1 | 25.7 | 2500 | 2.80 | 34.869 | 5.49 | 27.821 | 26.9 | 2.26 |
| 3937A | 1,219 | 34.756 | 5.380 | | | 0.00 | 25.0U | | 2750 | 2.74 | 34.879 | 5.60 | 27.835 | 27.6 | 2.37 |
| 4041A | 1.162 | 34.737 | | 1,99 | 100.4 | | 21.10 | 26.7 | 3000 | 2.57 | 34.681 | 5.64 | 27.851 | 26.0 | 2.48 |
| | | | | | | | | | 3250 | 2.27 | 34.852 | 5.59 | 27.853 | 25.9 | 2.59 |
| | | | | | | | | | 3500 | 1.80 | 34.807 | 5.46 | 27.854 | 25.8 | 2.69 |
| | | | | | | | | | 3750 | 1.59 | 34.771 | 5.32 | 27.855 | 25.7 | 2.79 |
| | | | | | | | | | 4000 | 1.18 | 34.748 | 5.22 | 27.852 | 26.2 | 2.88 |

| | | RV | MELVILL | | | | | CATO | EXPEDITION | v V1 | | | | | |
|------|----------|--------|---------|------|-------|------|-------|-------|------------|-------|--------|---------|--------|-----------|-------|
| | LATITUDE | | ITUDE | | AY/YR | | ENGER | | BOTTOM | WIND | SPEED | WEATHER | | ANT WAVES | |
| | 32 29.9 | 5 26 | 29.2W | 11/2 | 9/72 | 0058 | 0307 | GMT | 4435M | 260 | 7KT | 1 | 24 | 0 3 5 | |
| Z | T | S | 02 | P04 | \$103 | N02 | NO3 | DT | Z | T | s | 02 | SIGT | DT | DD |
| 0 | 17.87 | 35.608 | 5.46 | 0.12 | 1.3 | 0.01 | 0.0 | 221.8 | 0 | 17.87 | 35.608 | 5.46 | 25.787 | 221.8 | 0.000 |
| 21 | 17.84 | 35,619 | 5.53 | 0.10 | 1.0 | 0.00 | 0.0 | 220.3 | 10 | 17.86 | 35.612 | 5.50 | 25.794 | 221.1 | 0.022 |
| 41 | 17.75 | 35,615 | 5.54 | 0.10 | 1.0 | 0.00 | 0.0 | 218.5 | 20 | 17.84 | 35.617 | 5.53 | 25,802 | 220.4 | 0.044 |
| 62 | 16.90 | 35.664 | 5.56 | 0.17 | 1.2 | 0.00 | 0.0 | 195.4 | 30 | 17.80 | 35.616 | 5.53 | 25.811 | 219.5 | 0.066 |
| 82 | 16.07 | 35.624 | 5.44 | 0.20 | 1.2 | 0.00 | 0.3 | 179.9 | 50 | 17.43 | 35.637 | 5.55 | 25,916 | 209.5 | 0.110 |
| 103 | 15.34 | 35.544 | 5.25 | 0.36 | 1.5 | 0.00 | 2.9 | 169.9 | 75 | 16.35 | 35,644 | 5.49 | 26.178 | 184.6 | 0.159 |
| 124 | 14.93 | 35.489 | 5.12 | 0.44 | 1.7 | 0.00 | 4.2 | 165.3 | 100 | 15.43 | 35.555 | 5.28 | 26.322 | 171.0 | 0.204 |
| 55 | 14.55 | 35.446 | 5.08 | 0.50 | 1.9 | 0.00 | 5.2 | 160.6 | 125 | 14.92 | 35.487 | 5.12 | 26.384 | 165.1 | 0.247 |
| 186A | 14.21 | 35,402 | 5.07 | 0.56 | 2.3 | | 6.1 | 156.9 | 150 | 14.60 | 35.451 | 5.09 | 26.425 | 161.2 | 0.289 |
| 206 | 14.02 | 35,389 | 4.94 | 0.57 | 2.2 | 0.00 | 6.7 | 154.0 | 200 | 14.07 | 35.391 | 4.98 | 26.492 | 154.8 | 0.371 |
| 90A | 13.57 | 35,326 | 5.18 | 0.63 | 2.3 | | 7.4 | 149.7 | 250 | 13.79 | 35.363 | 5.01 | 26.529 | 151.3 | 0.451 |
| 93A | 12.05 | 35.124 | 5.01 | 0.86 | 3.9 | | 11.4 | 135.7 | 300 | 13.46 | 35.312 | 5.18 | 26.558 | 146.5 | 0.529 |
| 964 | 9.83 | 34.808 | 4.81 | 1.28 | 7.5 | | 17.6 | 120.9 | 400 | 11.91 | 35,102 | 4.99 | 26.705 | 134.6 | 0.680 |
| 52A | 6.88 | 34.477 | 4.91 | 1.68 | 13.6 | | 24.4 | 102.5 | 500 | 9.75 | 34.798 | 4.81 | 26.856 | 120.3 | 0.818 |
| 55A | 5.17 | 34.323 | 5.27 | 1,83 | 17.9 | | 26.9 | 93.3 | 600 | 7.81 | 34.573 | 4.88 | 26.986 | 108.0 | 0.943 |
| 09A | 3.94 | 34.276 | 5.31 | 2.06 | 27.0 | | 29.7 | 84.0 | 700 | 6.03 | 34.395 | 5.08 | 27.093 | 97.9 | 1.055 |
| 144 | 3.19 | 34.341 | 4.73 | 2.21 | 42.1 | | 32.1 | 72.2 | 800 | 4.70 | 34.296 | 5.28 | 27.173 | 90.3 | 1.158 |
| 20A | 2.90 | 34.458 | 4.45 | 2.25 | 54.5 | | 32.1 | 60.A | 1000 | 3.52 | 34.294 | 5.08 | 27,295 | 78.7 | 1.344 |
| 25A | 2.78 | 34.591 | 4.070 | 2.20 | 61.1 | | 32.1 | 49.8 | 1200 | 3.03 | 34.386 | 4.58 | 27.414 | 67.4 | 1.505 |
| 30A | 2.79 | 34,695 | 4.52 | 2.04 | 59.1 | | 29.9 | 42.0 | 1500 | 2.79 | 34.577 | 4.48 | 27.588 | 51.0 | 1.709 |
| 37A | 2.79 | 34.797 | 4.85 | 1.74 | 52.0 | | 26.3 | 34.3 | 1750 | 2.79 | 34.704 | 4.54 | 27.689 | 41.4 | 1.851 |
| 44A | 2.76 | 34.851 | 5.20 | 1.60 | 45.8 | | 24.1 | 30.0 | 2000 | 2.79 | 34.787 | 4.80 | 27.756 | 35.0 | 1.976 |
| 549A | 2.73 E | 34.876 | 5.45 | 1.56 | 42.1 | | 23.1 | 27.8 | 2250 | 2.77 | 34.838 | 5.09 | 27.798 | 31.0 | 2.093 |
| 57A | 2.71 | 34.893 | 5.69 | 1.48 | 39.3 | | 21.6 | 26.4 | 2500 | 2.74 | 34.869 | 5.39 | 27.827 | 28.3 | 2.206 |
| 66A | | 34.886 | 5.64 | 1.55 | 45.2 | | 22.4 | 25.3 | 2750 | 2.72 | 34.886 | 5.63 | 27.842 | 26.7 | 2.316 |
| 814 | 1.748 | 34.810 | 5.39 | | 75.1 | | 26.1 | 25.1 | 3000 | 2.64 | 34.692 | 5.67 | 27.853 | 25.8 | 2.427 |
| 96A | 1.21 | 34.754 | 5.25 | 1.99 | 98.9 | | 29.1 | 25.7 | 3250 | 2.40 | 34.874 | 5.60 | 27.860 | 25.3 | 2.535 |
| 04A | 1.057 | 34.734 | 5.07 | 2.06 | 105.4 | | 30.0 | 26.2 | 3500 | 2.04 | 34.838 | 5.48 | 27.860 | 25.2 | 2.640 |
| 104 | 1.038 | 34.731 | 4.99 | 2.09 | 109.4 | | 30.0 | 26.3 | 3750 | 1.65 | 34.799 | 5.37 | 27,860 | 25.2 | 2.740 |
| | | | | | | | | | 4000 | 1.52 | 34.765 | 5.29 | 27.856 | 25.5 | 2.834 |
| | | | | | | | | | 4250 | 1.09 | 34.739 | 5.12 | 27,851 | 26.1 | 2.924 |

E) ALTERMATE VALUE, 2.69 DEGREES CELSIUS.

| | | 37 51 | D | | CATO EX | PEDITION VI | | | 38 S1 | re o | |
|----------------|-------|------------------------|---------|-------|------------------------|----------------|-------|-----------------------|---------|--------------|------------------------|
| LATIT 32 27 | | LONGITUDE 28 13.0 m | 11/28/ | | START TIME 0820 GMT | LATI1 32 29 | | LONGITUDE 26 29.2W | MO/DAY/ | | START TIME 2302 GMT |
| 2 | T | s | SIGMA T | CI | DD | z | T | 5 | SIGMA T | DT | 00 |
| 0 | 17.97 | 35.76 | 25.879 | 213.1 | 0.000 | 0 | 17.86 | 35.63 | 25.80€ | 219.9 | 0.000 |
| 10 | 17.96 | 35.77 | 25,889 | 212.1 | | 10 | 17.84 | 35.63 | 25.811 | 219.5 | |
| 20 | 17.82 | 35.77 | 25.923 | 208.8 | 0.042 | 20 | 17.85 | 35.63 | 25.809 | 219.7 | |
| 30 | 17.81 | 35.76 | 25.918 | 209.3 | 0.063 | 30 | 17.79 | 35.62 | 25.816 | 219.0 | 0.066 |
| 40 | 17.73 | 35.76 | 25.938 | 207. | | 40 | 17.74 | 55.62 | 25.828 | 217.9 | 0.088 |
| 50 | 17,68 | 35.76 | 25.950 | 206. | | 50 | 17.69 | 35.62 | 25.840 | 216.7 | |
| 60 | 17,62 | | 25,965 | 204.5 | | 60 | 17.38 | 35.59 | 25.893 | 211.7 | 0.151 |
| 70 | 17.57 | | 25,969 | 204.5 | | 70 | 16.70 | 35.59 | 24.055 | 196.3 | 0.152 |
| 8.0 | 17.19 | | 26.038 | 197.9 | 0.167 | 80 | 16.28 | 35.60 | 26.161 | 186.2 | 0.171 |
| 90 | 17.02 | | 26.087 | 193.3 | | 90 100 | 15.70 | 35.58 | 26.279 | 175.0 | |
| 100 | 16.11 | 35.66 | 26.247 | 178.1 | | 125 | 14.92 | 35.50 | 26.311 | 172.0 | |
| 150 | 15.46 | | 26.334 | 169.9 | | 150 | 14.64 | 35.47 | 26.430 | 164.3 | 0.250 |
| 200 | 14,68 | | 26.429 | 160.8 | | 200 | 14.34 | 35.46 | 26.488 | 155.3 | 0.374 |
| 250A | 14.35 | 35.49 | 26.509 | 155.3 | | 300A | 13.50 | 35.37 | 26.595 | 145.1 | 0.531 |
| 300A | 13.92 | 35.44 | 26.561 | 148. | 0.544 | 350A | 12.79 | 35.24 | 26.639 | 140.9 | 0.607 |
| 350A | 13.31 | 35.32 | 26.596 | 145.0 | 0.622 | 400A | 12.04 | 35.10 | 26.677 | 137.3 | |
| 400A | 12.50 | | 26.635 | 141.3 | | 450A | 10.86 | 34.93 | 26.765 | 128.9 | |
| 450A | 11.48 | | 26.729 | 132.3 | | 500A | 9.89 | 34.82 | 26.850 | 120.9 | |
| 500A | 10.53 | | 26.785 | 127.0 | | 550A | 8.92 | 34.65 | 26.877 | 118.3 | |
| 550A | 9.25 | | 26.871 | 118.5 | | 600A | 7.59 | 34.53 | 26.986 | 108.0 | |
| 6004 | 7.74 | 34.58 | 27.004 | 106. | | 6501 | 6.89 | 34.45 | 27.022 | 104.6 | 1.006 |
| 650A 700A | 5.63 | | 27.092 | 98.0 | | 700A 750A | 6.00 | 34.37 | 27.077 | 99.4 | |
| 750A | 5.07 | | 27.135 | 93.9 | | 850A | 5.14 | 34.30 | 27.127 | 94.7 | |
| 800A | 4.65 | 34.28 | 27.167 | 90.9 | | 900A | 4.03 | 34.27 | 27.225 | 85.4 | |
| 850A | 4.45 | | 27.189 | 88.6 | | 950A | 3.76 | 34.28 | 27.261 | 62.0 | |
| 900A | 4.11 | | 27.217 | 86.2 | | 1000A | 3.56 | 34.29 | 27.288 | 79.4 | 1,351 |
| 950A | 3.94 | | 27.242 | 83.7 | 1.350 | 1100A | 3.24 | 34.33 | 27.351 | 73.5 | |
| ACCOL | 3.73 | 34.30 | 27.280 | 80.2 | | 1200A | 3.02 | 34.38 | 27.411 | 67.8 | |
| 1100A | 3.32 | | 27.328 | 75.7 | 1.461 | 1400A | 2.84 | 34.51 | 27.531 | 56.4 | 1.655 |
| 1200A | 3.08 | | 27.382 | 70.5 | | 1500A | 2.77 | 34.59 | 27.601 | 49.8 | |
| 1300A | 2.92 | | 27.452 | 65.9 | | 1600A | 2.77 | 34.63 | 27.633 | 46.7 | |
| 1400A | 2.87 | | 27.504 | 58.9 | 1.688 | 1700A | 2.76 | 54.69 | 27.681 | 42.1 | 1.650 |
| 1500A | 2.83 | | 27.556 | 54.0 | 1,753 | A0022 | 2.72 | 34.83 | 27.797 | 31.2 | |
| 1600A | 2.80 | | 27.605 | 49. | | 2300A | 2.73 | 34.85 | 27.812 | 29.8 | 2.120 |
| 1700A | 2.81 | 34.65 | 27.685 | 45. | | 2400A | 2.74 | 34.86 | 27.819 | 29.1 | 2.165 |
| 1900A | 2.82 | | 27.716 | 38.9 | | 2500A 3000A | 2.73 | 34.87 | 27.828 | 28,3 | |
| 2000A | 2.81 | | 27.733 | 37. | | 3100A | 2.58 | 34.89 | 27.857 | 26.0 25.5 | |
| 2100A | 2,79 | | 27.766 | 34. | | 3200A | 2.49 | 34.89 | 27.865 | 24.8 | |
| 2200A | 2.80 | | 27.782 | 32. | | 3300A | 2.37 | 34.87 | 27.859 | 25,3 | |
| 2300A | 2.81 | 34.84 | 27.797 | 31. | | 3400A | 2.18 | 34.86 | 27.867 | 24.6 | |
| 2400A | 2.80 | 34.85 | 27.805 | 30.4 | 2.220 | 3500A | 2.03 | 34.83 | 27.855 | 25.7 | 2.645 |
| 25004 | 2.79 | | 27.822 | 28.6 | | 3600A | 1.87 | 34.83 | 27.867 | 24.5 | 2.685 |
| 2600A | 2.77 | | 27.832 | 27.9 | 2,310 | 3700A | 1.73 | 34.81 | 27.862 | 25.0 | 2.725 |
| 27004 | 2.72 | | 27.836 | 27.4 | | 3800A | 1.61 | 34.79 | 27.855 | 25.7 | 2.764 |
| 2800A | 2.66 | | 27.842 | 26.5 | 2.399 | 3900A | 1.46 | 34.78 | 27.858 | 25.4 | 2.802 |
| 2900A | 2.60 | | 27.847 | 26.4 | 2.443 | 4000A | 1.32 | 34.76 | 27.852 | 26.0 | 2.839 |
| 30004 | 2.41 | | 27.845 | 26.6 | | 4100A | 1.20 | 34.76 | 27.861 | 25.2 | |
| 3100A 3200A | 2.32 | | 27.848 | 24.9 | | 4200A 4300A | 1.12 | 34.74 | 27.850 | 26.2 | |
| 3300A | 2,17 | | 27.852 | 26. | | 4400A | 1.05 | 34.73 | 27.847 | 26.5 | |
| 3400A | 1.97 | | 27.852 | 26. | 2.657 | 4446A | 1.03 | 34.72 | 27.841 | 27.1 | |
| 3500A | 1.79 | | 27.858 | 25. | 2.697 | 77108 | 1.02 | 34.72 | 27.041 | 2 | 2.7.7 |
| 3600A | 1.64 | | 27.861 | 25.1 | | | | | | | |
| 3700A | 1.46 | | 27.858 | 25. | | | | | | | |
| 3800A | 1,33 | | 27.859 | 25.3 | 2.810 | | | | | | |
| 3900A | 1.23 | | 27.858 | 25.4 | 2.846 | | | | | | |
| 4000A | 1.18 | | 27.862 | 25.0 | 2.881 | | | | | | |
| 4089A | 1.13 | 34.75 | 27.857 | 25,5 | | | | | | | |

| | | RV | MELVILL | ε | | | | CATO | EXPEDITI | ON V1 | | | | | | 3 |
|--|--|--|--|--|--|------|--|--|--|---|--|--|---|--|--|---|
| | 12 30.05 | | 14.9w | | AY/YR | | ENGER | TIME | FOTTOM 4290M | W1ND 270 | SPEED 14KT | WEATHER | LOWIN 38 | ANT WAVES | | |
| 2 | T | s | 02 | P04 | \$103 | N02 | NO3 | DT | 2 | T | s | 02 | 5161 | υT | DD | |
| 0 | 18.07 | 35.767 | 5.48 | 0.11 | | 0.00 | 0.0 | 214.9 | υ | 18.07 | 35.767 | 5.48 | 25.859 | 214.9 | 0.000 | |
| 63 | 17.94 | 35.767 | 5.49 | 0.10 | | 0.00 | 0.0 | 211.9 | 10 | 18.02 | 35.767 | 5.48 | 25.871 | 213.7 | 0.021 | |
| 95 | 17.87 | 35.759 35.705 | 5.52 | 0.10 | | 0.00 | 0.0 | 210.A 203.6 | 30 | 17.98 | 35.767 35.766 | 5.49 | 25.882 | 212.8 | 0.043 | |
| 126 | 16.08 | 35,610 | 5.65 | 0.15 | 1.4 | 0.00 | 0.0 | 181.1 | 50 | 17.90 | 35.758 | 5.51 | 25.895 | 211.5 | 0.107 | |
| 150A | 15.69 | 35.587 | 5.53 | 0.20 | 1.4 | | 0.9 | 174.3 | 75 | 17.77 | 35.744 | 5.53 | 25.917 | 209.4 | 0.160 | |
| 157 | 15.42 | 35,569 | 5.53 | 0.12 | 1.4 | 0.25 | 1.1 | 169.A | 100 | 17.18 | 35.687 | 5.57 | 26.017 | 200.0 | 0.212 | |
| | 14.20 | 35,399 | 5.07 | 0.52 | 2.5 | | 6.0 | 156.9 | 125 | 16.12 | 35.612 | 5.65 | 26,208 | 181.8 | 0.260 | |
| 4614 | 12.89 | 35.242 | 4.88 | 1.02 | 3.3 5.4 | | 9.1 | 142.7 | 200 | 15.69 | 35.587 | 5.53 | 26.287 | 174.3 | 0.306 | |
| 564A | 8.91 | 34.695 | 4.80 | 1.31 | 9.1 | | 19.6 | 114.9 | 250 | 14.20 | 35.392 | 5.09 | 26.465 | 157.4 | 0.477 | |
| 667A | | 34.486 | 4.90 | 1.62 | 15.0 | | 23.8 | 102.6 | 300 | 13.64 | 35.332 | 5.06 | 26.538 | 150.5 | 0.558 | |
| 874A | 4.75 | 34.329 | 5.05 | 1.94 | 23.6 | | 28.9 | 88.3 | 400 | 12.28 | 35.153 | 4.98 | 26.674 | 137.6 | 0.711 | |
| 1078A | 3.38 | 34.308 | 5.09 | 2.09 | 37.0 | | 31.1 | 76.4 | 500 600 | 10.58 | 34.881 | 4.83 | 26.813 | 124.5 | 0.853 | |
| 14894 | 2.91 | 34.427 | 4.56 | 2.21 | 52.4 | | 31.2 | 63.3 | 700 | 6.48 | 34.611 | 4.83 | 26.963 | 99.8 | 0.981 | |
| 1795A | 2.78 | 34.728 | 4.70 | 1.90 | 58.2 | | 28.7 | 39.4 | 800 | 5.35 | 34.362 | 5.01 | 27.150 | 92.5 | 1.203 | |
| 2103A | 2.80 | 34.815 | 5.09 | 1.67 | 51.4 | | 25.6 | 33.0 | 1000 | 3.80 | 34.301 | 5.07 | 27,272 | 80.9 | 1.394 | |
| 2308A | 2.78 | 34.850 | 5.32 | 1.62 | 46.5 | | 24.6 | 30.2 | 1200 | 3.02 | 34.370 | 4.79 | 27.402 | 68.6 | 1.560 | |
| 2615A 2924A | 2.76 | 34.884 | 5.57 | 1.45 | 41.4 | | 22.6 | 27.5 | 1500 | 2.80 | 34.570 | 4.39 | 27.581 | 51.7 | 1.766 | |
| 3231A | | 34.888 | 5.70 | 1.42 | 46.6 | | 21.4 | 25.9 | 2000 | 2.78 | 34.708 | 4.63 | 27.760 | 41.0 34.7 | 2.033 | |
| 3542A | 2.08 | 34.852 | 5.60 | 1.58 | 61.1 | | 23.9 | 24.4 | 2250 | 2.79 | 34.841 | 5.26 | 27.800 | 30.9 | 2.149 | |
| 3854A | 1.573 | 34.798 | 5.44 | 1.74 | 81.8 | | 26.2 | 24.8 | 2500 | 2.77 | 34.871 | 5.49 | 27.825 | 28.3 | 2.262 | |
| 4166A 4272A | 0.858 | 34.756 | 5.20 | 2.06 | 100.2 | | 29.0 | 25.4 | 2750 3000 | 2.74 | 34.890 | 5.64 | 27.843 | 26.7 | 2.373 | |
| TETER | 0.030 | 34.121 | 3.12 | 2.00 | 111.1 | | 30.4 | 26.0 | 3250 | 2.46 | 34.896 | 5.69 | 27.855 | 25.6 24.8 | 2.483 | |
| | | | | | | | | | 3500 | 2.14 | 34.857 | 5.62 | 27.868 | 24.4 | 2.698 | |
| | | | | | | | | | 3750 | 1.74 | 34.815 | 5.50 | 27.866 | 24.6 | 2.798 | |
| | | | | | | | | | 4000 4250 | 0.94 | 34.782 | 5.33 | 27.861 | 25.0 25.9 | 2.893 | |
| | | | | | | | | | .250 | 0.7. | 34.729 | 5.14 | 27.853 | 23.7 | 2.982 | |
| | | | | | | | | | | | | | | | | |
| | | RV | MELVILL | Ε | | | | CATO | EXPEDITIO | ON VI | | | | | | 4 |
| | LATITUDE | LONG | MELVILL ITUDE 15.3W | MO/D | AY/YR 0/72 | | ENGER | | EXPEDITION EOTTOM 4623M | 0N V1 WIND 320 | SPEED 24KT | WEATHER | DOMINA 340 | ANT WAVES | | 4 |
| z | | LONG | ITUDE | MO/D | | | | TIME | EOTTOM | WIND | | | | | DD | 4 |
| z 0 | 33 40.95 T 17.49 | LONG 25 S | 17UDE 15.3W 02 5.57 | M0/D 11/3 P04 | 0/72 SIG3 | 0019 | NO3 | TIME GMT DT 209.1 | EOTTOM 4623M Z | WIND 320 T | 24KT | 1 | 340 S16T 25.920 | DT 209.1 | DD 0.000 | |
| 0 21 | 33 40.95 T 17.49 17.49 | S 35.661 | 17UDE 15.3W 02 5.57 5.48 | M0/0 11/3 P04 0.13 0.14 | 0/72 \$103 1.4 1.3 | 0019 | NO3 | TIME GMT DT 209.1 209.3 | EOTTOM 4623M Z | WIND 320 T 17.49 17.49 | 24KT S 35.661 35.659 | 1 02 5.57 5.51 | 340 SIGT 25.920 25.919 | DT 209.1 209.2 | 0.000 | 4 |
| 0 21 42 | 7 17.49 17.49 17.39 | S S 35.661 35.658 35.640 | 17UDE 15.3W 02 5.57 5.48 5.50 | MO/0 11/3 PO4 0.13 0.14 0.14 | 0/72 SIG3 1.4 1.3 1.5 | 0019 | NO3 | TIME GMT DT 209.1 209.3 208.3 | EOTTOM 4623M Z U 10 20 | WIND 320 T 17.49 17.49 17.49 | 24KT S 35.661 35.659 35.657 | 1 02 5.57 5.51 5.48 | 340 SIGT 25.920 25.919 25.918 | DT 209.1 209.2 209.3 | 0.000 0.021 0.042 | 4 |
| 0 21 42 63 | 7 17.49 17.49 17.39 17.20 | S 35.661 35.658 35.640 35.623 | 02 5.57 5.48 5.50 5.46 | MO/0 11/3 PO4 0.13 0.14 0.14 0.16 | 0/72 SI03 1.4 1.3 1.5 | 0019 | NO3 0.1 0.0 0.0 0.0 | TIME GMT DT 209.1 209.3 208.3 205.2 | EOTTOM 4623M Z | WIND 320 T 17.49 17.49 17.49 17.49 | 24KT S 35.661 35.659 35.657 35.650 | 1 02 5.57 5.51 5.48 5.49 | 340 SIGT 25.920 25.919 25.918 25.921 | DT 209.1 209.2 209.3 209.1 | 0.000 0.021 0.042 0.063 | |
| 0 21 42 63 83 | T 17.49 17.49 17.39 17.20 16.66 15.84 | S LONG 25 S 35.661 35.658 35.640 35.623 35.630 35.630 | 02 5.57 5.48 5.50 5.46 5.60 5.54 | MO/0 11/3 PO4 0.13 0.14 0.14 0.16 0.16 | 0/72 \$163 1.4 1.3 1.5 1.2 1.5 | 0019 | NO3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 | TIME GMT DT 209.1 209.3 205.2 192.5 175.9 | EOTTOM 4623M Z 10 20 30 50 75 | WIND 320 T 17.49 17.49 17.49 17.46 17.46 17.45 16.91 | 35.661 35.659 35.657 35.650 35.641 35.626 | 1 02 5.57 5.51 5.48 5.49 5.48 5.55 | 340 SIGT 25.920 25.919 25.918 25.921 25.941 26.034 | DT 209.1 209.2 209.3 209.1 207.1 198.3 | 0.000 0.021 0.042 | • |
| 0 21 42 63 83 104 136 | T 17.49 17.49 17.39 17.20 16.66 15.84 15.16 | S LONG 25 S 35.661 35.658 35.640 35.623 35.630 35.610 35.512 | 02 5.57 5.48 5.50 5.46 5.60 5.54 5.26 | MO/D 11/3 PO4 0.13 0.14 0.16 0.16 0.24 | 0/72 SIG3 1.4 1.3 1.5 1.2 1.5 1.4 | 0019 | NO3 0.1 0.0 0.0 0.0 0.0 0.0 0.2 3.2 | DT 209.1 209.3 208.3 205.2 192.5 175.9 168.5 | EDTTOM 4623M Z 2 10 20 30 50 75 | WIND 320 T 17.49 17.49 17.49 17.46 17.55 16.91 | 24KT S 35.661 35.659 35.657 35.641 35.626 35.615 | 1 02 5.57 5.51 5.48 5.49 5.48 5.55 5.55 | 346 S16T 25.920 25.919 25.918 25.921 25.941 26.034 26.240 | DT 209.1 209.2 209.3 209.1 207.1 198.3 178.8 | 0.000 0.021 0.042 0.063 0.105 0.156 0.204 | 4 |
| 0 21 42 63 83 104 136 | 7 17.49 17.49 17.39 17.20 16.66 15.84 15.16 | S LONG 25 S 35.661 35.658 35.640 35.623 35.630 35.610 35.512 35.45 | 02 5.57 5.48 5.50 5.46 5.60 5.54 5.26 | MO/D 11/3 PO4 0.13 0.14 0.16 0.16 0.24 0.40 0.52 | 0/72 \$I63 1.4 1.3 1.5 1.2 1.5 1.4 1.7 2.1 | 0019 | NO3 0.1 0.0 0.0 0.0 0.0 0.0 3.2 4.7 | DT 209.1 209.3 208.3 205.2 192.5 175.9 168.5 160.1 | EOTTOM 4623M Z 10 20 20 30 50 75 100 125 | WIND 320 T 17.49 17.49 17.49 17.46 17.35 16.91 15.99 | 35.661 35.659 35.657 35.650 35.641 35.626 35.615 35.547 | 1 02 5.57 5.51 5.48 5.49 5.48 5.55 5.55 | 340 SIGT 25,920 25,919 25,918 25,921 25,941 26,034 26,240 26,335 | DT 209.1 209.2 209.3 209.1 207.1 198.3 178.8 169.7 | 0.000 0.021 0.042 0.063 0.105 0.156 0.204 | 4 |
| 0 21 42 63 83 104 136 177 209 | 17.49 17.49 17.39 17.20 16.66 15.84 15.16 14.54 14.44 | S S S S S S S S S S S S S S S S S S S | 17UDE 15.3W 02 5.57 5.48 5.50 5.46 5.60 5.54 5.26 5.26 | MO/D 11/3 PO4 0.13 0.14 0.16 0.16 0.24 0.40 0.52 | 0/72 SIG3 1.4 1.3 1.5 1.2 1.5 1.4 1.7 2.1 | 0019 | NO3 0.1 0.0 0.0 0.0 0.0 0.0 0.2 3.2 4.7 4.8 | 209.1 209.3 208.3 205.2 192.5 175.9 168.5 160.5 | EDTTOM 4623M Z 2 10 20 30 50 75 | WIND 320 T 17.49 17.49 17.46 17.45 16.91 15.99 15.35 14.90 | 24KT S 35.661 35.659 35.657 35.661 35.661 35.661 35.547 35.481 | 1 02 5.57 5.51 5.48 5.49 5.48 5.55 5.55 5.55 | 34(SIGT 25,920 25,919 25,918 25,921 25,941 26,034 26,335 26,382 | DT 209.1 209.2 209.3 209.1 207.1 198.3 178.8 169.7 165.2 | 0.000 0.021 0.042 0.063 0.105 0.156 0.204 0.248 | 4 |
| 0 21 42 63 83 104 136 177 209 312 399A | 17.49 17.49 17.49 17.39 17.20 16.66 15.84 15.16 14.54 14.54 14.54 14.54 | S S S S S S S S S S S S S S S S S S S | 17UDE 15.3W 02 5.57 5.48 5.50 5.46 5.54 5.52 5.22 5.30 5.22 | MO/D 11/3 PO4 0.13 0.14 0.16 0.16 0.24 0.40 0.52 0.49 0.58 | 0/72 SIG3 1.4 1.3 1.5 1.2 1.5 1.4 1.7 2.1 2.1 2.1 3.8 | 0019 | NO3 0.1 0.0 0.0 0.0 0.0 0.2 3.2 4.7 4.8 6.7 10.8 | TIME GMT DT 209.1 209.3 208.3 205.2 192.9 168.5 160.1 157.4 146.6 | E OTTOM 4623M Z U 10 20 30 50 75 100 125 150 200 250 | WIND 320 T 17.49 17.49 17.49 17.46 17.35 16.91 15.35 14.90 14.45 | 35.661 35.659 35.657 35.657 35.650 35.615 35.615 35.615 35.4481 35.459 | 1 02 5.57 5.51 5.48 5.49 5.48 5.55 5.55 5.25 | 34(SIGT 25.920 25.919 25.918 25.921 25.921 26.034 26.240 26.335 26.382 26.459 26.509 | DT 209.1 209.2 209.3 209.1 207.1 198.3 178.8 169.7 165.2 158.0 153.2 | 0.000 0.021 0.042 0.063 0.105 0.156 0.204 0.248 0.291 0.375 0.456 | 4 |
| 0 21 42 63 83 104 136 177 209 312 399A | 17.49 17.49 17.39 17.20 16.66 15.84 15.16 14.54 14.44 13.71 12.42 12.32 | S LONG 25 S 35.661 35.658 35.640 35.623 35.610 35.512 35.459 35.459 35.469 35.169 | 17UDE 15.3W 02 5.57 5.48 5.50 5.46 5.54 5.26 5.26 5.28 4.92 | MO/0 11/3 PO4 0.13 0.14 0.16 0.16 0.24 0.49 0.52 0.49 0.58 0.91 | 0/72 SIG3 1.4 1.3 1.5 1.2 1.5 1.7 2.1 2.1 2.3 3.8 3.9 | 0019 | NO3 0.1 0.0 0.0 0.0 0.0 0.0 0.2 4.7 4.8 6.7 10.8 11.5 | TIME GMT DT 209.1 209.3 208.3 205.2 175.9 168.5 160.1 157.4 146.6 137.7 | E OTTOM 4623M 2 0 10 20 30 50 50 75 100 125 150 200 250 300 | WIND 320 T 17.49 17.49 17.46 17.35 15.99 15.35 14.45 14.24 | 24KT S 35.661 35.659 35.650 35.641 35.626 35.547 35.454 35.454 35.454 35.454 | 1 02 5.57 5.51 5.48 5.49 5.48 5.55 5.55 5.25 5.25 5.27 5.29 5.28 | 346 S16T 25,920 25,919 25,918 25,921 26,034 26,035 26,335 26,382 26,509 26,509 | DT 209.1 209.2 209.3 209.1 207.1 198.3 178.8 169.7 165.2 158.0 153.2 147.9 | 0.000 0.021 0.042 0.063 0.105 0.156 0.204 0.248 0.291 0.291 0.375 0.456 | 4 |
| 0 21 42 63 83 104 136 177 209 512 3994 415 | 17.49 17.49 17.39 17.20 16.66 15.84 15.16 14.54 14.44 13.71 12.42 12.32 | LONG 25 S S 35.661 35.658 35.640 35.623 35.630 35.610 35.512 35.459 35.459 35.166 35.166 | 15.3w 02 5.57 5.46 5.56 5.56 5.26 5.22 5.30 4.92 5.15 | MO/D 11/3 PO4 0.13 0.14 0.16 0.24 0.40 0.52 0.58 0.82 0.82 | 0/72 SI03 1.4 1.3 1.5 1.5 1.4 1.7 2.1 2.3 3.8 3.9 6.6 | 0019 | NO3 0.1 0.0 0.0 0.0 0.0 0.0 0.2 5.2 4.7 4.8 6.7 10.8 11.5 | TIME GMT DT 209.1 209.3 208.3 205.2 192.5 160.1 157.4 146.6 137.7 137.6 123.6 | E OTTOM 4623M 2 10 20 30 50 75 100 125 150 200 250 300 400 | WINU 320 T 17.49 17.49 17.49 17.46 17.45 16.91 15.99 15.45 14.90 14.45 14.24 13.83 12.41 | 24KT \$ 35.661 35.657 35.657 35.650 35.641 35.615 35.615 35.454 35.454 35.454 35.454 35.454 35.454 35.454 | 1 02 5,57 5,51 5,48 5,49 5,48 5,55 5,25 5,25 5,27 5,29 5,28 | 346 S16T 25.920 25.919 25.918 25.921 25.941 26.034 26.335 26.335 26.35 26.459 26.509 26.565 26.673 | DT 209.1 209.1 209.2 209.3 209.1 207.1 198.3 169.7 165.2 158.0 153.2 147.9 137.7 | 0.000 0.021 0.042 0.063 0.105 0.156 0.204 0.248 0.291 0.375 0.456 0.535 | 4 |
| 0 21 42 63 83 104 136 177 209 312 399A | T 17.49 17.49 17.39 17.20 16.66 15.84 15.16 14.54 14.44 13.71 12.42 12.32 10.26 7.79 | LONG 25 S 35,661 35,658 35,640 35,623 35,630 35,610 35,515 35,459 35,459 35,460 35,459 35,460 35,460 35,459 | 15.3w 02 5.57 5.48 5.50 5.46 5.54 5.26 5.26 5.26 5.28 4.83 5.00 | MO/0 11/3 PO4 0.13 0.14 0.16 0.16 0.24 0.40 0.52 0.58 0.82 0.91 1.20 | 0/72 SIG3 1.4 1.3 1.5 1.5 1.4 1.7 2.1 2.3 3.8 3.9 6.6 10.1 | 0019 | NO3 0.1 0.0 0.0 0.0 0.0 0.0 0.2 5.2 4.7 4.8 6.7 10.8 11.5 16.4 21.6 | DT 209.1 209.3 208.3 205.2 192.5 175.9 168.5 160.1 157.4 146.6 137.7 137.6 123.5 109.1 | E OTTOM 4623M 2 0 10 20 30 50 50 75 100 125 150 200 250 300 | WINU 320 T 17.49 17.49 17.46 17.35 16.91 15.99 14.45 14.90 14.45 14.24 13.83 12.41 | 24KT S 35,661 35,659 35,650 35,651 35,615 35,547 35,481 35,459 35,459 35,459 | 1 02 5.57 5.51 5.48 5.49 5.55 5.55 5.25 5.25 5.29 5.28 4.84 | 346 \$16T 25.920 25.919 25.918 25.921 26.034 26.240 26.335 26.382 26.459 26.565 26.673 26.673 26.818 | OT 209.1 209.2 209.3 209.1 207.1 198.3 178.8 169.7 165.2 158.0 153.2 147.9 137.7 | 0.000 0.021 0.042 0.063 0.105 0.156 0.204 0.248 0.291 0.375 0.456 0.535 0.687 | * |
| 0 21 42 63 83 104 136 177 209 319 399a 415 502A 605A 708A 811A | 7 17.49 17.49 17.59 17.29 17.20 16.66 15.84 15.16 14.54 14.54 14.54 12.42 12.52 10.26 7.79 6.19 | S S 5,661 35,658 35,643 35,643 35,630 35,512 35,459 35,185 | 15.3w 02 5.57 5.46 5.56 5.56 5.26 5.22 5.30 4.92 5.15 | MO/D 11/3 PO4 0.13 0.14 0.16 0.24 0.40 0.52 0.58 0.82 0.82 | 0/72 SI03 1.4 1.3 1.5 1.5 1.4 1.7 2.1 2.3 3.8 3.9 6.6 | 0019 | NO3 0.1 0.0 0.0 0.0 0.0 0.0 0.2 5.2 4.7 4.8 6.7 10.8 11.5 | TIME GMT DT 209.1 209.3 208.3 205.2 192.5 160.1 157.4 146.6 137.7 137.6 123.6 | E OTTOM 4623M 2 2 10 20 30 50 755 1150 200 255 300 400 500 500 | WINU 320 T 17.49 17.49 17.49 17.46 17.45 16.91 15.99 15.45 14.90 14.45 14.24 13.83 12.41 | 24KT \$ 35.661 35.657 35.657 35.650 35.641 35.615 35.615 35.454 35.454 35.454 35.454 35.454 35.454 35.454 | 1 02 5,57 5,51 5,48 5,49 5,48 5,55 5,25 5,25 5,27 5,29 5,28 | 346 SIGT 25.920 25.919 25.918 25.921 25.941 26.034 26.335 26.335 26.459 26.565 26.673 26.818 26.968 | DT 209.1 209.1 209.2 209.3 209.1 207.1 198.3 169.7 165.2 158.0 153.2 147.9 137.7 | 0.000 0.021 0.042 0.063 0.105 0.156 0.204 0.248 0.291 0.375 0.456 0.535 | 4 |
| 0 21 42 63 83 104 136 177 209 415 502 605 605 708 811 811 811 | 7 17.49 17.39 17.39 17.39 16.66 15.16 14.54 14.44 13.71 12.42 10.26 7.79 6.19 4.94 | LONG 25 S 35,661 35,658 35,643 35,643 35,612 35,459 35,163 35,163 35,459 35,459 35,463 34,867 34,867 34,258 | 15.3w 02 5.57 5.48 5.50 5.54 5.60 5.54 5.22 5.30 4.92 5.15 4.83 5.90 6 | MO/D 11/3 PO4 0.13 0.14 0.16 0.24 0.49 0.52 0.49 0.52 0.91 1.20 1.20 1.20 1.20 1.20 1.20 1.20 1.2 | 0/72 SIG3 1.4 1.3 1.5 1.2 1.5 1.4 1.7 2.1 2.1 2.3 3.8 3.9 6.6 10.1 116.7 21.8 | 0019 | NO3 0.1 0.0 0.0 0.0 0.0 0.2 4.7 4.8 6.7 10.8 11.5 16.4 21.6 24.6 26.8 | TIME GMT DT 209.1 209.3 208.3 205.2 192.5 166.5 146.6 137.7 137.6 123.6 1100.1 93.4 | E OTTOM 4623M 2 2 10 20 30 50 75 100 125 150 200 250 300 400 500 600 700 800 800 | WINU 320 I 17.49 17.49 17.49 17.45 16.91 15.99 14.45 14.24 13.85 12.41 10.32 7.90 6.29 5.05 | 24KT S 35.661 35.659 35.657 35.641 35.641 35.454 35.454 35.454 35.454 35.454 34.401 34.402 | 1 02 5,57 5,48 5,48 5,55 5,35 5,35 5,27 5,29 4,93 4,99 4,99 4,99 | 34(\$16T 25.920 25.919 25.918 25.921 25.941 26.335 26.35 26.35 26.459 26.565 26.673 26.368 26.968 27.135 | DT 209.1 209.2 209.3 209.1 207.1 198.3 178.8 169.7 158.0 153.2 147.9 137.7 100.6 94.0 | 0.000 0.021 0.042 0.063 0.105 0.156 0.204 0.291 0.375 0.456 0.535 0.687 0.829 0.956 1.072 | 4 |
| 0 21 42 63 83 104 136 177 209 312 3998 415 502A 605A 708A 811A 8114A | 7 17.49 17.49 17.20 16.66 15.64 15.16 14.54 14.54 12.22 12.32 10.26 7.79 6.19 4.94 4.20 3.34 | S 35,661 35,658 35,658 35,623 35,630 35,610 35,512 35,457 35,457 35,457 34,357 34,353 34,259 34,258 34,258 | 15.3w 02 5.57 5.48 5.50 5.46 5.54 5.22 5.30 5.22 5.30 5.49 5.20 5.30 5.49 5.30 5.49 5.30 5.49 5.30 5.49 5.50 6 | MO/D 11/3 PO4 0.13 0.14 0.16 0.16 0.40 0.52 0.58 0.89 1.20 1.42 0.14 1.20 1.45 1.80 1.91 | 0/72 SIG3 1.4 1.3 1.5 1.2 1.5 1.7 2.1 2.3 3.9 6.6 10.1 16.7 21.8 | 0019 | NO3 0.1 0.0 0.0 0.0 0.0 0.0 0.2 4.7 4.8 6.7 10.8 11.5 16.4 21.6 24.6 26.8 28.4 31.7 | TIME GMT 209.1 209.3 208.3 205.2 175.9 168.1 157.4 146.6 137.7 137.6 123.6 123.4 88.0 | E OTTOM 4623M 22 10 10 20 30 50 125 150 2250 300 400 500 600 700 800 1000 1000 | WINU 320 T 17.49 17.49 17.49 17.49 17.45 16.91 15.59 15.59 14.20 14.24 13.65 12.41 10.52 7.90 6.29 5.05 | 24KT S 35.661 35.659 35.657 35.657 35.653 35.613 35.413 35.454 35.454 35.457 34.876 34.876 34.298 | 1 02 5,57 5,51 5,49 5,45 5,55 5,25 5,25 5,25 5,29 4,84 4,99 5,34 | 34(S16T 25.920 25.919 25.918 25.921 25.941 26.240 26.355 26.355 26.355 26.353 26.353 26.353 26.353 26.353 26.353 26.353 26.353 26.353 26.353 26.353 26.353 26.353 27.354 27.135 | 0 4 4 DT 209.1 209.2 209.3 209.1 207.1 198.3 178.8 169.7 165.2 158.0 179.7 123.9 109.7 100.6 94.0 83.2 | 0.000 0.021 0.042 0.063 0.105 0.204 0.291 0.375 0.456 0.535 0.687 0.829 1.072 1.179 1.373 | 4 |
| 0 21 42 63 83 104 136 177 209 415 502 605 605 708 811 811 811 | 7 17.49 17.49 17.39 17.20 16.66 15.84 15.16 14.34 12.42 10.26 7.79 6.19 4.94 4.20 3.34 | S S 35,661 35,658 35,640 35,650 35,512 35,459 35,466 34,867 34,867 34,258 34,302 34,302 34,402 | 15.3w 02 5.57 5.48 5.50 5.54 5.60 5.54 5.22 5.30 4.92 5.15 4.83 5.90 6 | MO/D3 PO4 0.13 0.14 0.16 0.24 0.49 0.58 0.91 1.20 1.75 1.95 2.18 | 0/72 SIG3 1.4 1.3 1.5 1.5 1.2 1.5 1.4 1.7 2.1 2.3 3.8 6.6 10.1 13.1 113.1 113.1 113.1 21.8 35.9 49.3 | 0019 | NO3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | TIME GMT DT 209.1 209.3 208.3 208.3 205.2 192.5 160.1 157.4 146.6 137.7 137.6 123.5 100.1 100.1 93.4 93.4 65.6 65.6 | E OTTOM 4623M 2 2 10 20 30 50 75 100 125 150 200 250 300 400 500 600 700 800 800 | WINU 320 I 17.49 17.49 17.49 17.45 16.91 15.99 14.95 14.92 14.93 14.90 14.95 10.32 7.90 6.29 3.15 | 24KT S 35,661 35,659 35,650 35,641 35,626 35,615 35,454 35,454 35,454 35,454 35,454 35,454 34,265 34,265 | 1 02 5,57 5,51 5,48 5,55 5,55 5,36 5,36 5,36 5,27 5,27 5,28 4,93 4,99 4,99 4,99 4,99 | 34(\$16T 25.920 25.919 25.921 25.921 25.941 26.335 26.35 26.35 26.59 26.565 26.565 26.565 26.768 27.248 27.348 | DT 209.1 209.2 209.3 209.1 207.1 198.3 169.7 158.0 153.2 147.9 137.7 100.6 94.0 83.2 | 0.000 0.021 0.042 0.063 0.105 0.156 0.248 0.291 0.375 0.456 0.535 0.687 0.829 0.956 1.072 1.179 1.373 | 4 |
| 0 21 42 63 104 136 177 209 415 399A 415 708A 605A 708A 914A 1119A 1124A 1324A 1324A 1324A | 33 40.95 T 17.49 17.39 17.20 16.66 15.84 15.16 14.54 14.44 13.71 12.42 12.52 10.26 7.79 6.19 4.94 4.20 3.34 2.96 2.77 2.78 | S S 5,661 35,658 35,661 35,658 35,640 35,512 35,512 35,459 35,166 34,553 34,259 34,258 34,258 34,258 34,266 34,402 34,560 34,402 34,560 34,402 34,560 34,402 | 17 UDE 15.3w 02 5.57 5.48 5.50 5.60 5.26 5.22 5.30 5.28 4.83 5.00 4.99 5.36 6.54 4.63 5.44 4.63 5.44 4.73 | MO/D 11/3 PO4 0.13 0.14 0.16 0.16 0.40 0.52 0.58 0.89 1.20 1.42 0.14 1.20 1.45 1.80 1.91 | 0/72 SIG3 1.43 1.55 1.25 1.72 1.72 1.73 3.83 3.96 6.60 10.11 13.11 16.77 21.88 3.94 49.33 60.00 60.00 | 0019 | NO3 0.1 0.0 0.0 0.0 0.0 0.0 0.2 4.7 4.8 6.7 10.8 11.5 16.4 21.6 24.6 26.8 28.4 31.7 | TIME GMT DT 209.13 208.3 208.3 205.2 192.5 160.1 157.4 146.6 137.7 109.1 100.1 98.0 65.6 53.5 | E OTTOM 4623M 2 2 10 20 30 50 755 100 125 150 200 250 300 400 600 600 600 600 1200 1200 1200 | WINU 320 T 17.49 17.49 17.49 17.49 17.45 16.91 15.59 15.59 14.20 14.24 13.65 12.41 10.52 7.90 6.29 5.05 | 24KT S 35.661 35.659 35.657 35.657 35.653 35.613 35.413 35.454 35.454 35.457 34.876 34.876 34.298 | 1 02 5,57 5,51 5,49 5,45 5,55 5,25 5,25 5,25 5,29 4,84 4,99 5,34 | 34(\$16T 25,920 25,919 25,921 25,921 26,939 26,335 26,382 26,599 26,565 26,613 26,99 26,565 26,718 27,184 27,135 27,184 27,543 27,643 | 0 4 4 DT 209.1 209.2 209.3 209.1 207.1 198.3 178.8 169.7 165.2 158.0 179.7 123.9 109.7 100.6 94.0 83.2 | 0.000 0.021 0.042 0.063 0.105 0.204 0.291 0.375 0.456 0.535 0.687 0.829 1.072 1.179 1.373 | 4 |
| 0 21 42 63 83 104 137 209 312 399 415 502 605 605 605 605 605 605 605 605 605 605 | 33 40.95 T 17.49 17.59 17.20 16.66 15.16 14.54 14.44 15.71 12.42 12.32 10.26 7.79 4.94 4.20 3.34 2.77 2.78 2.84 | LONG 25 S 35,661 35,658 35,643 35,623 35,612 35,459 35,459 35,459 35,459 35,459 35,459 35,459 34,459 34,392 34,289 34,392 34,540 34,665 | 15.3w 02 5.57 5.48 5.50 5.60 5.26 5.22 5.28 4.92 5.30 6.00 4.92 5.36 4.83 5.00 4.99 5.36 4.09 5.36 4.09 5.36 6.00 6 | MO/D3 PO4 0.14 0.14 0.16 0.16 0.40 0.52 0.49 1.20 1.475 1.895 2.18 2.27 2.24 2.185 | 0/72 SIG3 1.4 1.3 1.5 1.2 1.5 1.7 2.1 2.1 2.3 3.9 6.6 10.1 113.1 116.7 21.8 35.9 49.3 60.0 60.0 60.9 53.8 | 0019 | NO320 NO33 0.1 0.0 0.0 0.0 0.0 0.2 3.27 4.8 6.7 10.8 11.3 16.4 21.6 24.6 28.4 31.7 32.5 500.6 | TIME GMT 209.1 209.3 208.3 208.3 175.9 168.5 160.1 157.4 137.6 123.5 100.1 93.4 94 | E OTTOM 4623M 2 10 20 30 50 75 100 125 150 200 250 300 400 500 600 700 1200 1200 1200 1200 1200 1200 120 | WINU 320 I 17.49 17.49 17.49 17.45 16.91 15.99 15.35 14.90 14.45 14.24 13.85 12.41 10.32 7.90 6.29 5.05 3.76 3.15 2.79 2.78 | 24KT S 35.661 35.657 35.650 35.641 35.626 35.547 35.454 35.454 35.454 35.454 34.265 34.265 34.265 34.265 34.265 34.265 34.265 34.265 34.265 34.265 34.265 | 1 02 5,57 5,48 5,48 5,55 5,35 5,25 5,27 5,28 4,93 4,99 4,99 4,99 4,99 4,92 5,34 4,28 4,44 | 34(\$16T 25.920 25.919 25.918 25.921 26.934 26.335 26.382 26.355 26.369 26.509 27.504 27.504 27.504 27.504 27.504 27.504 27.504 27.704 | DT 209.1 209.2 209.3 209.1 207.1 198.3 178.8 169.7 158.0 153.2 147.9 137.7 100.6 83.2 755.2 43.5 | 0.000 0.021 0.042 0.063 0.105 0.105 0.204 0.291 0.375 0.456 0.535 0.687 0.829 0.956 1.072 1.179 1.373 1.911 1.545 | 4 |
| 0 21 42 63 83 104 136 177 209 415 502 605 605 605 605 605 605 605 605 605 605 | 7 17.49 17.49 17.30 16.66 15.84 15.16 14.54 13.71 12.42 12.52 10.26 7.79 6.19 4.94 4.20 2.76 2.78 2.85 | LONG 25 S 35,661 35,658 35,643 35,643 35,643 35,512 35,459 35,459 35,459 35,466 35,453 34,353 34,258 34,258 34,258 34,266 34,402 34,402 34,402 34,402 34,402 | U2 5.57 5.48 5.50 5.46 5.60 5.26 5.26 5.28 4.51 5.00 4.99 5.34 4.51 4.27 4.43 4.43 | MO/D3 PO 4 0.13 0.14 0.16 0.24 0.52 0.49 0.58 0.82 0.49 1.22 1.45 1.80 1.91 2.27 2.10 1.86 | 0/72 SIG3 1.4 1.3 1.5 2.1 1.5 1.7 2.1 2.3 3.9 6.6 10.1 13.1 16.7 21.8 49.3 60.0 60.0 60.0 53.8 46.6 | 0019 | 0320 NO3 0.1 0.0 0.0 0.0 0.0 0.2 4.7 4.8 6.7 11.6 24.6 26.8 28.4 32.5 32.5 32.5 27.3 24.7 | TIME GMT DT 209.1 209.3 208.3 208.3 2192.5 175.9 168.5 160.1 157.4 146.6 123.7 137.6 109.1 100.1 93.4 88.0 65.6 53.5 44.1 35.6 | E OTTOM 4623M 4623M 2 2 0 10 20 20 25 0 30 0 40 0 50 0 60 0 60 0 120 0 120 0 120 0 120 0 120 0 225 0 2 | WINU 320 T 17.49 17.49 17.49 17.49 17.45 16.91 15.99 15.36 14.50 14.45 14.24 13.85 12.41 10.32 7.30 6.29 5.05 3.76 3.15 2.79 2.78 2.65 | 24KT S 35.661 35.659 35.657 35.650 35.651 35.451 35.454 35.454 35.457 34.874 34.298 34.29 | 1 02 5.57 5.49 5.49 5.45 5.55 5.25 5.25 5.25 5.28 4.84 4.99 5.32 4.85 4.85 4.24 4.44 4.44 | 34(\$16T 25.920 25.918 25.921 25.941 26.921 26.932 26.4535 26.352 26.553 26.318 26.673 26.818 27.364 27.135 27.248 27.364 27.364 27.364 27.77.749 | 0 4 4 DT 209.1 209.2 209.3 209.1 207.1 198.3 178.8 165.2 158.2 147.9 109.7 123.9 109.6 94.0 | 0.000 0.021 0.042 0.063 0.105 0.156 0.204 0.291 0.375 0.456 0.555 0.687 0.972 1.179 1.373 1.545 1.763 1.911 2.062 | 4 |
| 0 21 42 63 83 104 136 177 209 312 399A 415 605A 708A 811A 911A 1529A 1529A 1529A 2346A 2346A 2346A | 33 40.95 T 17.49 17.39 17.30 16.66 15.84 15.16 14.54 12.32 10.26 17.79 6.19 4.20 3.34 2.96 2.77 2.78 2.84 2.85 2.79 | S S 35,661 35,658 35,643 35,650 35,512 35,459 35,459 35,466 34,867 34,288 34,28 | 17 UDE 15.5w 02 5.57 5.48 5.50 5.46 5.60 5.26 5.22 5.30 5.28 4.99 5.36 4.99 5.36 4.51 4.85 5.08 4.51 4.43 5.08 4.51 4.43 5.08 | MO/03 PO4 0.14 0.14 0.16 0.16 0.40 0.52 0.58 0.891 1.202 1.75 1.85 1.85 1.66 | 0/72 SIG3 1.43 1.55 1.22 1.5 1.7 2.1 2.1 2.3 3.8 6.6 10.1 113.1 113.1 113.7 21.8 35.9 49.3 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60 | 0019 | 0320 NO3 0.1 0.0 0.0 0.0 0.0 0.2 3.2 4.7 10.8 11.5 16.4 21.6 24.6 24.6 24.6 25.5 30.6 27.5 24.4 23.6 | TIME GMT DT 209.1 209.3 208.3 208.3 2192.5 175.9 168.5 166.1 137.7 137.6 123.6 100.1 100.1 93.4 46.6 53.5 44.1 28.6 29.5 28.6 29.6 2 | E OTTOM 4623M 2 2 10 200 250 250 250 250 250 0 | WINU 320 I 17.49 17.49 17.49 17.49 17.45 16.91 15.99 14.45 14.24 13.83 12.41 10.32 7.90 6.29 3.76 3.15 2.79 2.88 2.88 | 24KT S 35,661 35,659 35,650 35,615 35,626 35,615 35,454 35,454 35,454 35,454 35,454 34,265 34,265 34,273 34,273 34,273 34,273 34,273 | 1 02 5,57 5,48 5,48 5,55 5,36 5,36 5,27 5,28 4,93 4,44 4,99 4,99 4,28 4,28 4,44 4,44 4,50 5,34 | 34(\$16T 25.920 25.919 25.921 25.921 25.941 26.382 26.489 26.565 26.565 26.618 26.988 27.248 27.135 27.248 27.548 27.548 27.548 27.548 27.548 27.548 27.741 27.792 27.741 | 0 4 4 DT 209.1 209.2 209.3 209.1 207.1 198.3 169.2 158.0 153.2 147.9 137.7 100.6 94.0 83.2 43.5 55.2 45.5 55.2 45.5 55.2 45.5 55.2 45.5 55.2 45.5 55.2 5 | 0.000 0.021 0.042 0.063 0.105 0.105 0.204 0.291 0.375 0.456 0.535 0.687 0.956 1.079 1.373 1.791 1.373 1.763 1.911 2.042 2.161 | 4 |
| 0 21 42 63 83 104 136 177 209 319 415 502A 708A 811A 914A 1129A 1529A 1529A 2040A 2346A 2346A 2346A 2857A | 33 40.95 T 17.49 17.39 17.20 16.66 15.84 15.16 14.54 13.71 12.42 10.26 7.79 6.19 4.20 4.20 4.20 2.76 2.77 2.84 2.86 2.87 2.87 2 | S S 5,661 35,658 35,661 35,658 35,640 35,512 35,459 35,406 35,512 35,459 35,166 34,867 34,872 34,887 34,872 34,887 34,872 34,887 34,872 34,887 34,872 | 17UDE 15.3w 02 5.57 5.48 5.50 5.60 5.26 5.22 5.30 5.28 4.83 5.00 4.99 5.44 4.51 4.68 5.27 5.44 6.56 6.56 6.56 6.56 6.56 6.56 6.56 | MO/03 P04 0.13 0.14 0.16 0.16 0.40 0.52 0.58 0.91 1.20 1.75 1.80 1.95 2.18 1.60 1.56 | 0/72 SI03 1.43 1.52 1.54 1.77 2.11 2.38 3.99 6.66 10.11 13.17 21.88 49.03 60.99 49.03 49.0 | 0019 | 0.320 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0. | TIME 6MT DT 209.13 208.3 208.3 205.2 192.5 1175.9 1175.9 116.6 123.5 100.1 100.1 100.1 100.1 28.6 53.5 44.6 53.5 29.5 28.6 26.3 25.3 | E OTTOM 4623M 4623M 2 2 10 20 30 50 60 60 60 60 1255 250 60 1250 250 60 1250 1750 2000 2250 2250 2250 2250 2250 3000 | WINU 320 T 17.49 17.49 17.49 17.49 17.46 17.55 16.91 15.99 15.55 14.90 14.45 10.32 7.90 5.05 3.76 3.15 2.79 2.65 2.65 2.65 | 24KT S 35.661 35.659 35.657 35.650 35.651 35.451 35.454 35.454 35.457 34.874 34.298 34.29 | 1 02 5.57 5.49 5.49 5.45 5.55 5.25 5.25 5.25 5.28 4.84 4.99 5.32 4.85 4.85 4.24 4.44 4.44 | 34(\$16T 25,920 25,919 25,921 25,921 26,934 26,240 26,335 26,382 26,599 26,565 26,613 26,613 26,613 26,710 27,135 27,144 27,135 27,248 27,141 27,543 27,741 27,749 27, | 0 4 4 DT 209.1 209.2 209.3 209.1 207.1 198.3 178.8 165.2 158.0 153.2 147.9 137.7 100.6 94.0 83.2 43.5 55.5 31.0 82.7 125.7 | 0.000 0.021 0.042 0.063 0.105 0.105 0.204 0.291 0.375 0.456 0.682 0.956 1.179 1.373 1.545 1.763 1.911 2.042 2.161 2.275 2.387 2.497 | 4 |
| 0 21 42 63 83 104 136 177 209 312 399 405 605 605 605 605 611 605 6114 6124 6124 6124 6124 6124 6124 6124 | 33 40.95 T 17.49 17.49 17.59 17.20 16.66 15.16 14.54 14.44 13.71 10.26 7.79 6.19 4.20 2.77 2.78 2.76 2.77 2.78 2.85 2.77 2.78 2.66 2.378 1.991 | LONG 25 S 35,661 35,658 35,643 35,623 35,612 35,459 35,459 35,459 35,459 35,459 34,459 34,392 34,289 34,392 34,289 34,392 34,466 34,867 34,867 34,867 34,867 34,889 34,889 | 15.3w 02 5.57 5.48 5.50 5.56 5.26 5.22 5.28 4.92 5.36 4.93 5.08 4.51 4.43 4.51 5.22 5.36 5.36 5.36 5.36 5.36 5.36 5.36 5.36 5.36 5.36 5.36 5.36 5.36 5.36 5.36 5.36 5.36 5.36 5.36 6 | MO/03 PO4 0.13 0.14 0.16 0.16 0.52 0.49 0.52 0.49 1.20 1.475 1.895 2.18 2.24 2.10 1.50 1.50 1.50 | 0/72 SIG3 1.43 1.52 1.54 1.77 2.11 2.33 3.99 6.66 10.11 116.77 215.89 49.33 60.09 60.98 46.66 43.74 50.94 | 0019 | 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | TIME GMT DT 209.13 208.32 192.5 175.9 168.5 175.4 146.6 137.7 137.6 137.6 137.6 137.6 65.6 53.5 44.1 55.6 65.6 28.6 225.2 | E OTTOM 4623M 2 10 20 30 50 75 100 125 150 250 250 400 500 600 700 1000 1200 1200 1200 1250 2500 2500 25 | WINU 320 I 17.49 17.49 17.49 17.49 17.45 16.91 15.99 15.55 14.90 14.45 14.24 13.65 12.41 10.52 7.90 6.29 5.05 3.76 3.15 2.79 2.78 2.88 2.85 2.81 | 24KT S 35.661 35.659 35.650 35.6650 35.6615 35.6415 35.481 35.481 35.487 34.877 34.298 34.298 34.336 34.577 34.874 34 | 1 02 5,57 5,49 5,455 5,555 5,25 5,25 5,25 5,25 5,25 4,84 4,84 4,84 4,84 4,185 4,185 4,185 6,185 | 34(S16T 25.920 25.919 25.918 25.921 25.941 26.240 26.335 26.382 26.355 26.365 26.509 27.509 27.509 27.609 27. | OT 209.1 209.1 209.3 209.1 207.1 198.3 178.8 165.2 153.2 147.7 123.9 100.6 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 | 0.000 0.021 0.042 0.063 0.105 0.105 0.204 0.291 0.375 0.456 0.535 0.687 0.956 1.072 1.179 1.373 1.911 2.042 2.161 2.275 2.387 2.497 2.497 2.603 | 4 |
| 0 21 42 63 83 104 136 177 209 319 415 5025 6058 8114 9144 11249 11324 20406 25507 8384 25507 8384 34724 28578 3884 34724 | 33 40.95 T 17.49 17.39 17.20 16.66 15.84 15.16 14.54 13.71 12.42 12.52 17.20 6.19 4.94 4.20 2.79 6.19 4.94 4.20 2.78 2.78 2.86 2.78 2.86 2.78 2.77 2.78 | S S 5.661 35.658 35.663 35.663 35.653 35.653 35.653 35.653 35.653 35.459 35.459 35.466 34.553 34.392 34.5646 34.785 34.872 34.87 | 15.3w 02 5.57 5.48 5.50 5.46 5.60 5.26 5.28 4.99 5.34 4.68 5.44 5.57 5.55 5.49 | MO/03 P04 0.13 0.14 0.16 0.16 0.59 0.58 0.91 1.75 1.75 1.75 2.27 2.24 1.85 1.60 1.566 1.60 1.566 1.69 | 0/72 SIG3 1.43 1.52 1.55 1.44 1.77 2.11 2.33 3.99 6.66 10.11 13.11 16.77 21.88 35.98 49.33 60.09 53.88 43.77 42.49 64.40 | 0019 | NO320 NO320 0.11 0.00 0.00 0.00 0.22 5.22 4.78 4.88 6.78 11.35 121.66 28.44 22.68 22.35 22.45 22.55 2 | TIME GMT DT 209.13 208.32 192.5 1175.9 168.5 160.1 157.4 146.6 123.7 109.1 100.1 98.0 65.6 29.6 26.3 224.6 26.3 | E OTTOM 4623M 4623M 2 2 0 10 20 20 250 250 2500 2750 2500 2550 2550 | WINU 320 T 17.49 17.49 17.49 17.49 17.45 16.91 15.99 14.45 14.92 14.95 14.95 2.79 2.29 2.85 2.85 2.81 2.72 2.28 | 24KT S 35.661 35.659 35.650 35.651 35.651 35.651 35.451 35.451 35.451 36.487 34.402 34.298 34.874 34.507 34.874 34.874 34.874 34.874 34.874 34.872 34.872 34.873 34.87 | 1 02 5.57 5.49 5.49 5.48 5.55 5.27 5.28 4.93 4.99 5.34 4.28 4.28 4.28 4.28 4.28 5.55 5.34 5.34 5.34 | 34(\$16T 25,920 25,918 25,918 25,921 25,918 26,031 26,032 26,535 27,545 27,655 27,656 27,656 27,656 27,656 | 0 4 4 DT 209.1 209.2 209.3 209.1 198.3 178.8 165.2 158.2 158.2 147.9 109.6 94.0 83.2 71.0 83.2 153.2 147.9 109.6 94.0 83.2 73.3 74.0 83.2 75.0 83.2 75.0 83.2 75.0 83.2 75.0 83.2 84.0 85.0 86.0 | 0.000 0.021 0.042 0.063 0.105 0.105 0.204 0.291 0.375 0.456 0.535 0.6829 0.956 1.072 1.179 1.373 1.545 1.761 1.911 2.042 2.161 2.2161 2.2162 2.387 2.497 2.603 2.706 | 4 |
| 0 21 42 63 83 104 136 87 77 209 312 399A 708A 708A 711A 7124A 1529A 1734A 2556A 2857A 3164A 35472A 38884A 4195A | 33 40.95 T 17.49 17.39 17.30 16.66 15.84 15.16 14.54 12.32 10.26 14.99 4.20 3.34 2.96 2.77 2.78 2.84 2.85 2.79 2.66 2.378 2.89 1.991 1.783 | S S S 5,661 S 5,658 S S 5,661 S 5,658 S S 5,661 S 5,650 S 5,650 S 5,512 S 5,459 S 5,459 S 5,466 S 4,867 S 4,289 S 4,258 S 4,258 S 4,266 S 4,267 S 4,268 S 4,26 | 17UDE 15.3w 02 5.57 5.48 5.50 5.46 5.60 5.26 5.22 5.30 5.28 4.99 5.34 4.51 4.85 5.00 4.99 5.34 4.51 4.63 5.54 4.63 5.55 5.44 5.55 5.46 6.56 6.56 6.56 6.56 | MO/03 PO 4 0.13 0.14 0.16 0.16 0.40 0.52 0.58 0.82 1.75 1.85 1.66 1.50 1.50 1.50 1.69 1.85 | 0/72 SIG3 1.43 1.52 1.54 1.77 2.11 2.13 3.89 6.61 10.11 13.17 21.88 35.99 46.66 46 46 46 46 46 46 46 46 46 46 46 46 4 | 0019 | NO320 NO320 0.1 0.0 0.0 0.0 0.0 0.2 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 | TIME 6MT DT 209.13 208.3 208.3 205.2 192.5 160.1 157.4 146.6 137.7 100.1 100.1 100.1 23.4 44.6 53.5 44.1 25.7 28.6 26.3 25.7 | E OTTOM 4623M 4623M 2 2 10 20 30 50 755 150 200 250 300 400 1200 1250 250 3250 3350 33750 33750 | WINU 320 I 17.49 17.49 17.49 17.45 16.91 15.99 15.55 14.90 14.45 14.24 13.63 12.41 10.32 7.90 6.29 3.15 2.79 2.78 2.85 2.85 2.81 2.72 2.58 | 24KT S 35.6619 35.659 35.650 35.651 35.626 35.615 35.481 35.481 35.481 35.481 35.492 34.874 34.874 34.874 34.874 34.884 34.883 | 1 02 5.57 5.49 5.48 5.55 5.27 5.28 4.99 4.99 4.28 4.28 4.64 5.55 5.35 5.35 5.35 5.35 5.35 5.35 5.27 5.36 5.36 5.36 5.36 5.36 5.36 5.36 5.36 | 34(S16T 25.920 25.919 25.918 25.921 26.934 26.349 26.357 26.382 26.357 26.369 26.509 27.564 27.564 27.77 27.799 27.667 27.709 27.667 27.709 27.667 | 0 4 4 DT 209.1 209.3 209.1 209.1 209.1 198.3 178.8 165.2 147.7 165.2 147.7 123.7 123.7 123.7 120.0 83.2 147.7 123.7 124.7 125.7 | 0.000 0.021 0.042 0.063 0.105 0.105 0.204 0.291 0.375 0.687 0.829 0.956 1.079 1.179 1.373 1.764 1.764 1.764 1.765 1. | 4 |
| 0 21 42 63 83 104 136 177 209 319 415 5025 6058 8114 9144 11249 11324 20406 25507 8384 25507 8384 34724 28578 3884 34724 | 33 40.95 T 17.49 17.59 17.20 16.66 15.16 14.54 14.54 12.42 12.32 17.79 6.19 4.20 2.77 6.19 4.24 2.78 2.78 2.78 2.85 2.79 2.85 2.78 2.85 2.96 2.87 3.94 2.85 2.95 2.95 2.96 2.97 3.94 2.95 2.96 2.97 3.94 2.95 2.96 2.97 3.94 2.96 2.97 3.94 2.95 3.94 3.94 3.94 3.94 3.94 3.94 3.95 3.96 3 | S S 5.661 35.658 35.663 35.663 35.653 35.653 35.653 35.653 35.653 35.459 35.459 35.466 34.553 34.392 34.5646 34.785 34.872 34.87 | 15.3w 02 5.57 5.48 5.50 5.46 5.60 5.26 5.28 4.99 5.34 4.68 5.44 5.57 5.55 5.49 | MO/03 P04 0.13 0.14 0.16 0.16 0.59 0.58 0.91 1.75 1.75 1.75 2.27 2.24 1.85 1.60 1.566 1.60 1.566 1.69 | 0/72 SIG3 1.43 1.52 1.55 1.44 1.77 2.11 2.33 3.99 6.66 10.11 13.11 16.77 21.88 35.98 49.33 60.09 53.88 43.77 42.49 64.40 | 0019 | NO320 NO320 0.11 0.00 0.00 0.00 0.22 5.22 4.78 4.88 6.78 11.35 121.66 28.44 22.68 22.35 22.45 22.55 2 | TIME GMT DT 209.13 208.32 192.5 1175.9 168.5 160.1 157.4 146.6 123.7 109.1 100.1 98.0 65.6 29.6 26.3 224.6 26.3 | E OTTOM 4623M 4623M 4623M 22 10 20 20 250 250 250 250 250 250 250 250 | WINU 320 T 17.49 17.49 17.49 17.49 17.46 17.55 16.91 15.99 15.55 14.90 14.45 10.32 7.90 6.29 6.29 6.29 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 | 24KT S 35,661 35,659 35,657 35,646 35,615 35,547 35,459 35,459 35,459 34,268 34,26 | 1 02 5,57 5,49 5,48 5,55 5,25 5,27 5,28 4,93 4,99 4,99 4,99 4,28 4,44 4,64 4,64 5,55 5,55 5,27 5,28 4,93 4,93 5,55 5,27 5,28 6,27 5,38 6,38 6,38 6,38 6,38 6,38 6,38 6,38 6 | 34(\$16T 25,920 25,919 25,921 25,921 26,934 26,935 26,365 26,365 26,565 26,565 26,565 26,568 27,135 27,135 27,146 27,135 27,146 27,135 27,146 27, | 0 4 4 DT 209.1 209.2 209.3 209.1 198.3 178.8 165.2 158.2 158.2 147.9 137.7 123.9 109.6 94.0 83.2 447.5 36.5 | 0.000 0.021 0.042 0.063 0.105 0.105 0.204 0.291 0.375 0.456 0.535 0.6829 0.956 1.072 1.179 1.373 1.545 1.761 1.911 2.042 2.161 2.2161 2.2162 2.387 2.497 2.603 2.706 | 4 |
| 0 21 42 63 83 104 136 179 319 415 605 8114 9114 1529 1 | 33 40.95 T 17.49 17.39 17.20 16.66 15.16 14.54 14.44 13.71 12.22 12.32 10.26 17.79 6.19 4.20 2.77 4.34 2.96 2.77 2.78 2.85 2.85 2.85 2.78 2.85 | S S S 5.661 35.658 35.663 35.663 35.643 35.643 35.643 35.643 35.459 35.459 35.466 35.453 34.392 34.456 34.785 34.872 34.8 | 17UDE 15.3w 02 5.57 5.48 5.50 5.26 5.26 5.26 5.28 4.51 4.27 4.68 5.44 4.68 5.37 5.55 5.55 5.55 5.49 | MO/03 P04 0.13 0.14 0.16 0.16 0.40 0.58 0.91 1.75 1.95 2.27 2.10 1.856 1.60 1.569 1.569 1.569 1.688 2.05 | 0/72 SI03 1.43 1.52 1.54 1.77 2.11 2.38 3.99 6.06 10.11 13.17 21.88 3.99 49.33 600.99 53.86 43.74 50.94 60.9 | 0019 | NO320 NO320 0.11 0.00 0.00 0.00 0.02 3.22 4.7 4.8 6.7 4.8 6.7 3.2.4 3.2. | TIME GMT DT 209.13 208.32 192.5 175.9 168.5 160.1 157.4 137.6 137.6 137.6 137.6 137.6 137.6 28.6 25.6 25.6 25.6 25.7 | E OTTOM 4623M 4623M 4623M 20 10 20 20 25 15 0 25 0 0 60 0 12 0 0 | WINU 320 T 17.49 17.49 17.49 17.49 15.59 15.59 14.90 14.42 13.65 12.41 10.32 7.90 2.78 2.65 2.79 2.78 2.65 2.61 2.72 2.54 | 24KT S 35.661 35.659 35.650 35.651 35.641 35.481 35.481 35.487 35.487 34.874 34.298 34.298 34.298 34.877 | 1 02 5.57 5.49 5.49 5.455 5.55 5.25 5.25 5.26 4.84 4.99 5.32 4.85 4.44 4.64 6.534 5.55 5.25 5.25 5.26 4.85 5.25 5.25 5.26 4.85 5.26 5.26 5.27 5.28 5.29 5.20 5.20 6.20 6.20 6.20 6.20 6.20 6.20 6.20 6 | 34(S16T 25.920 25.919 25.918 25.941 26.240 26.355 26.352 26.352 26.352 26.352 26.352 26.352 26.352 27.364 27.135 27.164 27.135 27.248 27.364 27.366 27.366 27.366 27.366 27.366 27.366 27.366 27.366 27.366 27.366 27.366 27.366 27.366 | 0 4 4 DT 209.1 209.3 209.1 207.1 198.3 178.8 165.2 158.2 153.2 147.7 123.9 109.6 94.0 25.2 447.7 25.2 43.5 36.5 | 0.000 0.021 0.042 0.063 0.105 0.204 0.291 0.375 0.456 0.555 0.829 0.956 1.072 1.179 1.373 1.545 1.763 1.911 2.062 2.367 2.497 2.497 2.407 2. | 4 |

| | | 59 511 | D | | CATO EX | PEDITION VI | | | 40 ST | D | |
|----------------|-------|-----------------------|-------------------|-------|------------------------|----------------|-------|-----------------------|-------------------|-------|------------------------|
| 12 30 | | LONGITUDE 25 14.9m | MO/DAY/ 11/29/ | | START TIME 0949 GMT | LATIT 33 40 | | LONGITUDE 25 15.3W | MO/DAY/ 11/29/ | | START TIME 2234 GMT |
| 2 | 1 | s | SIGMA T | DT | DO | Z | T | 5 | SIGMA T | DT | DD |
| 3 | 18.15 | 35.82 | 25.880 | 213.0 | 0.000 | 0 | 17.50 | 35.68 | 25.933 | 207.9 | 0.000 |
| 10 | 18.09 | | 25.895 | 211,5 | | 10 | 17.52 | 35.67 | 25.920 | 209.1 | 0.021 |
| 20 | 18.08 | | 25.897 | 211.5 | | 20 | 17.50 | 35.67 | 25.925 | 208.7 | 0.042 |
| 30 | 18.09 | | 25.902 | 210.8 | | 30 | 17.44 | 45.65 | 25.924 | 208,7 | 0.063 |
| 50 | 18.08 | | 25.897 | 211.3 | | 40 50 | 17.58 | 35,63 | 25.923 | 208,8 | |
| 60 | 18.00 | | 25,909 | 210.2 | | 60 | 17.29 | 35.62 35.60 | 25.938 | 207.5 | |
| 70 | 18.00 | | 25.902 | 210.9 | | 70 | 16.97 | 35.61 | 26.007 | 200.9 | |
| 80 | 17.97 | | 25.924 | 208.7 | | 80 | 16.82 | 35.62 | 26.050 | 196.8 | |
| 90 | 17.80 | | 25.943 | 206.9 | 0.191 | 90 | 16.04 | 35.58 | 26.202 | 182.4 | |
| 100 | 17.48 | | 25,991 | 202.4 | 0.212 | 100 | 15.78 | 35.59 | 26.269 | 176.0 | |
| 125 | 16.43 | 35,66 | 26.172 | 185.2 | 0.261 | 125 | 15.30 | 35.51 | 26.316 | 171.6 | 0.248 |
| 150 200 | 15.68 | 35.65 35.52 | 26.338 | 169.5 | 0.307 | 150 200 | 14.81 | 35.46 | 26.386 | 164.9 | 0.291 |
| 250 | 14.35 | 35.46 | 26.485 | 155.5 | 0.475 | 250 | 14.48 | 35.45 35.46 | 26.450 | 158.9 | 0.375 |
| 300 | 13.78 | 35,39 | 26.552 | 149.1 | 0.555 | 300 | 13.82 | 35.44 | 26.582 | 146.3 | 0.534 |
| 350 | 13.11 | 35.30 | 26.621 | 142.6 | 0.632 | 350 | 13.44 | 35.39 | 26.623 | 142.4 | 0.611 |
| 400 | 12.40 | 35,19 | 26.677 | 137.3 | 0.707 | 400 | 12.51 | 35.19 | 26.656 | 139.3 | 0.686 |
| 450 | 11.37 | | 26.742 | 131.1 | 0.780 | 450A | 11.41 | 34.96 | 26.688 | 136.3 | 0.760 |
| 500 | 9,22 | 34.87 | 26.834 | 122.5 | 0.849 | 500A | 10.54 | 34.89 | 26.791 | 126,5 | 0.832 |
| 600 | 8.36 | 34.63 | 26.949 | 114.8 | | 55QA 600A | 7.90 | 34.69 | 26.925 | 118.7 | |
| 650 | 7.60 | | 27.008 | 105.9 | | 650A | 6.95 | 34.47 | 27.030 | 103.9 | |
| 700 | 6.45 | 34.44 | 27.074 | 99.7 | 1.092 | 700A | 6.27 | 34.41 | 27.074 | 99.7 | |
| 750 | 5.89 | 34.41 | 27.122 | 95.1 | 1.146 | 750A | 5.55 | 34.34 | 27.109 | 96.4 | 1,131 |
| 800 | 5.37 | | 27.163 | 91.3 | 1.197 | ADDB | 5.00 | 34.29 | 27.135 | 93.9 | 1.183 |
| 850 | 4.82 | | 27.195 | 88. | 1.247 | 650A | 4.54 | 34.26 | 27.163 | 91.3 | 1.234 |
| 900A | 4.04 | 34.31 | 27.215 | 86.4 | | 900A 950A | 3.96 | 34.26 | 27.193 | 88.4 | 1.283 |
| 1000A | 3,65 | | 27.280 | 80. | | 1000A | 3.79 | 34.27 | 27.250 | 83.1 | 1.377 |
| 1100A | 3.17 | 34.32 | 27.350 | 73.6 | 1,471 | 1100A | 3.41 | 34.29 | 27.303 | 78.0 | 1,466 |
| 12004 | 2.97 | | 27.416 | 67.3 | 1.549 | 12004 | 3.13 | 34.33 | 27.361 | 72.5 | 1,549 |
| 13004 | 2.89 | | 27.479 | 61.4 | | 1300A | 3.02 | 34.40 | 27.427 | 66.2 | 1.627 |
| 1400A | 2.84 | 34.52 | 27.539 | 55.6 | | 1400A | 2.89 | 34.46 | 27.487 | 60.6 | |
| 1500A 1600A | 2,83 | | 27.580 | 51.8 | | 1500A | 2.82 | 34.53 | 27.549 | 54.7 | |
| 1700A | 2.79 | 34.69 | 27.679 | 47.6 | | 1600A 1700A | 2.77 | 34.58 | 27.593 | 50.5 | |
| 1800A | 2.80 | | 27.710 | 39.4 | 1,919 | 1600A | 2.80 | 34.69 | 27.678 | 42.5 | |
| 1900A | 2.80 | | 27.734 | 37.2 | 1.970 | 1900A | 2.82 | 54.74 | 27.716 | 38.9 | |
| 2000A | 2.80 | 34.79 | 27.758 | 34.9 | 2.018 | 2000A | 2.83 | 34.78 | 27.747 | 35.9 | 2.045 |
| 21004 | 2.80 | | 27.782 | 32.7 | 2.066 | 2100A | 2.84 | 34.80 | 27.762 | 34.5 | |
| 2200A 2300A | 2.80 | 34.84 | 27.797 | 31.1 | 2.112 | 2200A 2300A | 2.84 | 34.83 | 27.786 | 32.2 | |
| 2400A | 2.79 | 34.88 | 27.830 | 28.0 | 2.201 | 2400A | 2.83 | 34.84 | 27.795 | 31.4 | 2.188 |
| 2500A | 2.78 | | 27.831 | 28.0 | 2,245 | 2500A | 2.77 | 34.87 | 27.824 | 28.6 | 2.279 |
| 2600A | 2.77 | 34.90 | 27.848 | 26.4 | 2,289 | 2600A | 2.75 | 34.88 | 27.834 | 27.7 | |
| 2700A | 2.77 | 34.91 | 27.856 | 25.6 | 2,332 | 2700A | 2.69 | 34.88 | 27.839 | 27.2 | 2,368 |
| 2800A | 2.75 | 34.92 | 27.866 | 24.7 | 2,375 | 4008 | 2.66 | 34.89 | 27.850 | 26.2 | 2.412 |
| 2900A 3000A | 2.72 | 34.92 | 27.869 | 24.5 | 2,417 | 2900A 3000A | 2.63 | 34.88 | 27.845 | 26.7 | 2,456 |
| 3100A | 2.59 | 34.91 | 27.872 | 24.1 | 2,503 | 3100A | 2.54 | 34.89 | 27.860 | 25.2 | |
| 3200A | 2.49 | 34.90 | 27.873 | 24.0 | | 32U0A | 2.34 | 34.87 | 27.861 | 25.1 | |
| 3300A | 2.38 | 34.90 | 27.882 | 23.1 | | 3300A | 2.23 | 34.87 | 27.871 | 24.2 | |
| 3400A | 2.28 | | 27.874 | 23.5 | 2,628 | 3400A | 2.11 | 34.84 | 27.856 | 25.6 | 2.668 |
| 3500A | | | 27.87€ | 23.7 | | 3500A | 1.97 | 34.84 | 27.868 | 24.5 | |
| 3600A | 1.92 | | 27.880 | 23.4 | | 3600A | 1.83 | 34.82 | 27.863 | 25.0 | |
| 3700A 3800A | 1.74 | 34.83 | 27.878 | 23.6 | | 3700A 3600A | 1.70 | 34.81 | 27.865 | 24.8 | |
| 3900A | 1.48 | | 27.873 | 24.0 | | 3900A | 1.56 | 34.80 | 27.867 | 24.6 | |
| 400CA | 1.36 | 34.79 | 27.873 | 24.0 | 2.858 | 4000A | 1.36 | 34.77 | 27.857 | 25.5 | |
| 4100A | 1.24 | 34.76 | 27.858 | 25.4 | 2.894 | 4100A | 1.24 | 34.76 | 27.858 | 25.4 | |
| 4200A | 0.91 | 34,73 | 27.856 | 25.6 | 2.928 | 4200A | 1.08 | 34.75 | 27.861 | 25,2 | 2.970 |
| 42724 | 0.84 | 34.73 | 27.860 | 25.2 | 2.952 | 4300A | 0.91 | 34.73 | 27.856 | 25.6 | |
| | | | | | | 4400A 4500A | 0.83 | 34.72 | 27.853 | 25.9 | 3.037 |
| | | | | | | 4500A | 0.81 | 34.71 | 27.846 | 26.5 | |
| | | | | | | 4643A | 0.82 | 34.71 | 27.846 | 26.5 | 3.118 |
| | | | | | | | 0.01 | | 27.00.0 | | 00 |

| | | RV | MELVILL | E | | | | CATO | EXPEDITE | UN VI | | | | | |
|-------|--------------------|--------|-----------------|-------|-------|------|---------------|-------|-----------------|-------------|--------|-----------|--------|----------|-------|
| | LATITUD 36 35.2 | | GITUDE 15.5W | MO/D | AY/YR | | ENGER U315 | TIME | ENTTOM 4558M | W1NU 220 | SPEED | WEATHER 2 | | ANT WAVE | s |
| | 36 35.2 | 5 32 | 13.5% | 127 | 3/12 | 0019 | 0313 | GMI | 4330 | 220 | Seki | - | 21 | u 1' | |
| Z | 7 | s | 02 | P04 | \$103 | NO2 | 1105 | UT | Z | 1 | S | U2 | S161 | DT | 00 |
| 0 | 15.45 | 35.724 | 5.78 | 0.20 | 1.0 | | 1.2 | 159.1 | · · | 15,45 | 35.724 | 5.78 | 26.446 | 159.1 | 0.000 |
| 101 | 15.46 | 35,721 | 5.70 | 0.21 | 1.2 | | 1.5 | 159.6 | 10 | 15.45 | 35.723 | 5.77 | 26.446 | 159.2 | 0.016 |
| 153 | 15.16 | 35,688 | 5.43 | 0.28 | 1.3 | | 2.9 | 155.6 | 50 | 15.45 | 35.722 | 5.76 | 26.446 | 159.2 | 0.032 |
| 202 | 14.81 | 35.642 | 5.45 | 0.38 | 1.7 | | 4.4 | 151.6 | 30 | 15.45 | 35.722 | 5.76 | 26.445 | 159.3 | 0.048 |
| 279 | 14.55 | 35.587 | 5.39 | 0.44 | 2.0 | | 5.4 | 150.3 | 50 | 15.45 | 35.721 | 5.74 | 26.444 | 159.4 | 0.080 |
| 356 | 15.89 | 35.461 | 5.31 | 0.55 | 2.2 | | 6.9 | 146.1 | 75 | 15.46 | 35.721 | 5.72 | 26.443 | 159.5 | 0.120 |
| 420A | 12.64 | 35,220 | 5.01 | 0.71 | 3.6 | | 10.4 | 139.6 | 100 | 15.46 | 35.720 | 5.70 | 26.442 | 159.6 | 0.161 |
| 458 | 11.58 | 35.047 | 4.94 | 0.97 | 4.6 | | 12.9 | 132.9 | 125 | 15.54 | 35.707 | 5.57 | 26.459 | 157.9 | 0.201 |
| 523A | 9.54 | 34.740 | 5.00 | 1.06 | 6.5 | | 17.4 | 121.5 | 150 | 15.18 | 35.689 | 5.44 | 26.481 | 155.9 | 0.242 |
| 627A | 6.32 | 34.358 | 5.59 | 1.31 | 10.6 | | 22.5 | 104.2 | 200 | 14.82 | 35.643 | 5.45 | 26.524 | 151.8 | 0.321 |
| 730A | 5.04 | 34.257 | 5.90 | 1.71 | 12.8 | | 24.5 | 96.A | 250 | 14.65 | 35.610 | 5.42 | 26.537 | 150.6 | 0.400 |
| 8334 | 4.42 | 34.218 | 5.96 | 1.720 | | | 26.3 | 93.2 | 300 | 14.44 | 35.565 | 5.37 | 26.548 | 149.5 | 0.479 |
| 9364 | 3.92 | 34.224 | 5.79 | 1.710 | 21.4 | | 27.9 | 87.8 | 400 | 13.10 | 35.305 | 5.10 | 26.627 | 142.1 | 0.635 |
| 1090A | 3.32 | 34.245 | 5.56 | 1.920 | 30.5 | | 29.8 | 80.6 | 500 | 10.28 | 34.645 | 4.98 | 26.803 | 125.3 | 0.780 |
| 12444 | 2.90 | 34.314 | 5.11 | 1.980 | 41.9 | | 31.6 | 71.7 | 600 | 7.06 | 34.434 | 5.42 | 26.985 | 108.1 | 0.907 |
| 14494 | 2.72 | 34.440 | 4.52 | 1.730 | | | 32.0 | 60.7 | 700 | 5.28 | 34.274 | 5.84 | 27.089 | 98.3 | 1.019 |
| 1654A | 2.69 | 34,566 | 4.26 | 2.070 | 64.1 | | 32.0 | 50.9 | 800 | 4.58 | 34.226 | 5.94 | 27.131 | 94.3 | 1.125 |
| 1961A | 2.82 | 34.723 | 4.53 | 1.920 | 63.0 | | 29.6 | 40.1 | 1000 | 3.65 | 34.230 | 5.71 | 27.232 | 84.8 | 1.318 |
| 2268A | 2.93 | 34.826 | 5.03 | 1.920 | 50.5 | | 25.8 | 33.3 | 1200 | 3.00 | 34.291 | 5.25 | 27.342 | 74.3 | 1.493 |
| 24724 | 2.93 | 34.869 | 5.32 | 1.374 | 45.8 | | 23.7 | 30.1 | 1500 | 2.71 | 34.474 | 4.42 | 27.513 | 58.1 | 1.717 |
| 2676A | 2.76 | 34.870 | 5.36 | 1.360 | 47.6 | | 23.4 | 28.5 | 1750 | 2.72 | 34.621 | 4.29 | 27.629 | 47.1 | 1.873 |
| 2984A | 2.44 | 34.854 | 5.33 | 1.640 | 56.9 | | 23.4 | 27.1 | 2000 | 2.84 | 34.740 | 4.59 | 27.713 | 39.1 | 2.010 |
| 3292A | 1.774 | 34.780 | 4.96 | 1.83 | 86.3 | | 27.8 | 27.6 | 2250 | 2.93 | 34.821 | 5.00 | 27.171 | 33.6 | 2.137 |
| 3704A | 1.127 | 34.730 | 4.93 | 1.99 | 110.1 | | 30.9 | 27.0 | 2500 | 2.91 | 34.870 | 5.33 | 27.812 | 29.8 | 2.256 |
| 41194 | 0.526 | 34.694 | 5.04 | 1.750 | 123.7 | | 31.7 | 26.1 | 2750 | 2.70 | 34.868 | 5.35 | 27.829 | 28.1 | 2.371 |
| 4432A | 0.302 | 34.681 | 5.13 | 2.25 | 128.2 | | 31.9 | 25.9 | 3000 | 2.41 | 34.850 | 5.31 | 27.840 | 27.1 | 2.482 |
| 4537A | 0.29 | 34.679 | 5.14 | 2.26 | 123.1 | | 32.2 | 26.0 | 3250 | 1.87 | 34.790 | 5.01 | 27.836 | 27.5 | 2.588 |
| | | | | | | | | | 3500 | 1.43 | 34.752 | 4.94 | 27.838 | 27.4 | 2.687 |
| | | | | | | | | | 3750 | 1.05 | 34.725 | 4.94 | 27.843 | 26.9 | 2.778 |
| | | | | | | | | | 4000 | 0.68 | 34.703 | 5.00 | 27.848 | 26.3 | 2.861 |
| | | | | | | | | | 4250 | 0.40 | 34.687 | 5.08 | 27.852 | 26.0 | 2.935 |
| | | | | | | | | | 4500 | 0.29 | 34.680 | 5.14 | 27.853 | 25.9 | 3.004 |
| | | | | | | | | | | | 2.3000 | | | | |

| | | RV | MELVILL | Ε | | | | CATO | EXPEDITE | ON VI | | | | | |
|-------|---------|--------|---------|------|-------|-------|------|-------|----------|-------|--------|---------|--------|-----------|-------|
| | LATITUD | E LON | GITUDE | MO/D | AY/YR | MESSE | NGER | TIME | POTTOM | WING | SPEED | WEATHER | DOMIN | ANT WAVES | , |
| | 37 30.0 | S 34 | 19.7W | 12/ | 3/72 | 1825 | 2055 | GMT | 4690M | 180 | 14KT | 1 | 18 | ú 6 7 | |
| Z | T | s | 02 | P04 | \$103 | NO2 | NO3 | 70 | 2 | 1 | s | 02 | SIGT | DT | DD |
| 0 | 15.40 | 35,667 | 5.87 | 0.22 | 1.2 | | 1.3 | 162.2 | 0 | 15.40 | 35.667 | 5.87 | 26.414 | 162.2 | 0.000 |
| 10 | 15.38 | 35,666 | 5.88 | 0.21 | 1.2 | | 1.3 | 161.9 | 10 | 15.58 | 35.666 | 5.88 | 26.418 | 161.9 | 0.016 |
| 31 | 15.35 | 35,665 | 5.88 | 0.20 | 1.2 | | 1.3 | 160.9 | 20 | 15.36 | 35.664 | 5.88 | 26.423 | 161.4 | 0.032 |
| 62 | 15.28 | 35.664 | 5.83 | 0.22 | 1.2 | | 1.4 | 159.9 | 30 | 15.53 | 35.664 | 5.88 | 26.428 | 160.9 | 0.049 |
| 93 | 15.25 | 35,666 | 5.81 | 0.24 | 1.2 | | 1.6 | 159.1 | 50 | 15.50 | 35.663 | | 26.435 | 160.2 | 0.081 |
| 125 | 15.06 | 35,669 | 5.72 | 0.30 | 1.4 | | 2.2 | 154.9 | 75 | 15.27 | 35.661 | 5.82 | 26.440 | 159.8 | 0.121 |
| 156 | 14.90 | 35.642 | 5.60 | 0.35 | 1.5 | | 3.2 | 153.5 | 100 | 15.21 | 35.667 | | 26,456 | 158.2 | 0.162 |
| 207 | 14.42 | 35,578 | 5.54 | 0.43 | 1.7 | | 4.6 | 148.3 | 125 | 15.06 | 35.669 | | 26.491 | 154.9 | 0.202 |
| 260 | 14.21 | 35,533 | 5.57 | 0.44 | 1.7 | | 4.8 | 147.3 | 150 | 14.93 | 35.648 | | 26.504 | 153.7 | 0.241 |
| 312 | - | 35,470 | 5.45 | 0.51 | 2.0 | | 5.8 | | 200 | 14.49 | 35.586 | | 26.554 | 149.0 | 0.320 |
| 351A | 13.51 | 35,383 | 5.32 | 0.61 | 2.4 | | 7.4 | 144.3 | 250 | 14.24 | 35.539 | | 26.570 | 147.5 | 0.397 |
| | 10.77 | 34.922 | 4.88 | 1.10 | 5.4 | | 14.5 | 128.0 | 300 | 14.03 | 35.500 | | 26.585 | 146.0 | 0.475 |
| 557A | | 34,512 | 5,26 | 1,39 | 8.5 | | 20.5 | 110.9 | 400 | 12.56 | 35.176 | | 26.675 | 137.4 | 0.626 |
| 660A | 5.46 | 34.286 | 5.86 | 1.76 | | | 24.9 | 99.4 | 500 | 9.57 | 34.720 | | 26.859 | 120.0 | 0.765 |
| 763A | 4.54 | 34,226 | 6.01 | 1.67 | 14.7 | | 25.3 | 93.8 | 600 | 6.63 | 34.396 | | 27.014 | 105.4 | 0.887 |
| 865A | 4.08 | 34,225 | 5.90 | 1.83 | 18.8 | | 26.4 | 89.3 | 700 | 5.00 | 34.252 | | 27.105 | 96.8 | 0.996 |
| 1070A | 3.30 | 34.252 | 5.55 | 2.05 | 30.5 | | 30.2 | 79.9 | 800 | 4.34 | 34.223 | | 27.154 | 92.1 | 1.099 |
| 11734 | 2.96 | 34,296 | 5.27 | 2.12 | 37.0 | | 30.7 | 73.6 | 1000 | 3,55 | 34.237 | | 27.247 | 83.3 | 1.289 |
| 13784 | 2.71 | 34.410 | 4.69 | 2.24 | 53.0 | | 32.7 | 62.9 | 1200 | 2.90 | 34.311 | 5.19 | 27.366 | 72.1 | 1.460 |
| 1583A | 2.69 | 34,531 | 4.39 | 2.24 | 62.2 | | 32.7 | 53.6 | 1500 | 2.70 | 34.485 | | 27.523 | 57.2 | 1.678 |
| 1890A | 2.81 | 34.693 | 4.46 | 2.05 | 62.2 | | 29.4 | 42.3 | 1750 | 2.75 | 34.626 | | 27.630 | 47.0 | 1.833 |
| 2197A | 2.87 | 34.789 | 4.89 | 1.85 | 57.6 | | 26.3 | 35.6 | 2000 | 2.84 | 34.734 | | 27.709 | 39.5 | 1.971 |
| 2402A | 2.82 | 34.826 | 5.09 | 1.76 | 53.6 | | 25.8 | 32.4 | 2250 | 2.87 | 34.801 | | 27.760 | 34.7 | 2.099 |
| 2607A | 2.66 | | 5.16 | 1.71 | 56.7 | | 25.0 | 56.4 | 2500 | 2.75 | 34.829 | | 27.793 | 31.3 | 2.220 |
| 2915A | 2.384 | 34,833 | 5.20 | 1.73 | 62.7 | | 25.3 | 28.2 | 2750 | 2.54 | 34.832 | | 27.814 | 29.1 | 2.336 |
| 3325A | 1.790 | | 5.09 | 1.90 | 84.0 | | 27.6 | .0.2 | 3000 | 2.27 | 34.823 | | 27.830 | 28.1 | 2.447 |
| 3737A | 1.169 | 34.736 | 5.04 | 2.05 | 102.4 | | 28.9 | 26.8 | 3250 | 1,91 | 34.792 | | 27.834 | 27.7 | 2.552 |
| 41494 | 0.475 | | 3.04 | | 102.4 | | , | £0.8 | 3500 | 1.53 | 34.762 | | 27.839 | 27.2 | 2.651 |
| 4563A | 0.197 | 34.673 | 5.20 | 2.23 | 129.4 | | 32.4 | 25.9 | 3750 | 1.14 | 34.734 | | 27.844 | 26.8 | 2.744 |
| 46684 | 0.15 | 34,669 | 5,21 | 2,23 | 129.6 | | 31.8 | 26.0 | 4000 | 0.71 | 34.703 | | 27.846 | 26.4 | 2.829 |
| AGGA | 0 | 04,003 | 3.01 | 2,23 | 163.0 | | 21.0 | 20.0 | 4250 | 0.38 | 34.682 | | 27.849 | 26.1 | 2.905 |
| | | | | | | | | | 4500 | 0.22 | | | | | |
| | | | | | | | | | 4500 | 0.22 | 34.674 | 5.19 | 27.852 | 25.9 | 2,975 |

| A | | | 41 511 | | | CATO EXP | IN MOITIGE | | | 42 ST | D | |
|--|-----|-------|--------|---------|---------|----------|------------|-------|-------|---------|-------|-------|
| 0 15-42 35.70 24.455 160.5 0.000 0 15.42 35.68 24.419 161.7 0.000 15.42 35.70 24.456 161.7 0.000 15.42 35.70 24.456 161.8 0.016 15.45 35.71 24.456 161.8 0.016 15.15 15.40 35.71 24.456 161.8 0.016 15.15 15.15 15.16 0.016 15.15 15.15 15.16 0.016 15.15 15.15 15.16 0.016 15.15 15.15 15.16 0.016 15.15 15.15 15.16 0.016 15.15 15.15 15.16 0.016 15.15 15.15 15.15 15.16 0.016 15.15 15 | | | | | | | | | | | | |
| 10 15.42 35.70 26.435 160.3 0.016 10 15.95 55.7 26.435 161.6 0.052 20 15.45 35.67 26.435 161.6 0.052 20 15.45 35.67 26.435 161.6 0.052 20 15.45 35.67 26.435 161.6 0.052 20 15.45 35.67 26.435 161.6 0.052 20 15.45 35.72 26.435 161.6 0.052 20 15.45 35.72 26.435 161.6 0.052 20 15.45 35.72 26.435 161.6 0.052 20 15.45 35.72 26.435 161.6 0.052 20 15.45 35.72 26.435 161.6 0.052 20 15.45 35.72 26.435 161.6 0.052 20 15.45 35.72 26.435 161.6 0.052 20 15.45 35.72 26.435 161.6 0.052 20 15.45 35.72 26.435 161.6 0.052 20 15.45 35.72 26.435 161.6 0.052 20 15.45 35.72 26.435 161.6 0.052 20 15.45 35.72 26.435 161.6 0.052 20 15.45 35.6 0.052 20 15.45 35.6 0.052 20 15.45 35.6 0.052 20 15.45 35.6 0.052 20 15.45 35.6 0.052 20 15.45 35.6 0.052 20 15.45 35.6 0.052 20 15.45 35.6 0.052 20 15.45 35.7 0.052 20 15.45 35.7 0.052 20 15.45 35.7 0.052 20 15.45 35.6 0.052 20 15.25 35.6 0.052 20 15.25 35.6 0.052 20 15.25 35.6 0.052 20 15.25 35.5 0.052 20 15.25 35.5 0.052 20 15.25 35.5 0.052 20 15.25 35.5 0 | z | T | s | SIGMA T | от | DD | 2 | τ | s | SIGMA T | DT | DD |
| 20 15.40 35.70 24.45 15.95 0.032 20 15.36 35.67 24.21 161.6 0.052 15.15 30 15.47 35.66 24.405 116.16 0.059 14.15 30 15.48 35.77 24.441 15.95 0.066 40 15.36 35.45 24.405 116.16 0.059 14.15 15.48 35.72 24.445 15.95 0.066 40 15.36 35.45 24.405 116.17 0.009 15.48 35.72 24.446 15.92 0.066 40 15.36 35.45 24.405 116.17 0.009 15.48 35.72 24.446 15.92 0.066 40 15.26 35.65 24.405 116.17 0.009 15.48 35.72 24.446 15.92 0.066 40 15.26 35.65 24.405 116.17 0.009 15.48 35.72 24.446 15.92 0.015 15.00 15.48 35.72 24.446 15.92 0.015 15.00 15.48 35.72 24.446 15.92 0.015 15.00 15.48 35.71 24.436 160.0 0.129 0.009 15.25 35.67 24.452 150.5 150.6 0.150 15.49 35.71 24.436 160.2 0.151 15.00 15.49 35.71 24.436 160.2 0.151 15.00 15.49 35.71 24.436 160.2 0.151 15.00 15.49 35.71 24.436 160.2 0.151 15.00 15.49 35.71 24.436 160.2 0.151 15.00 15.49 35.71 24.436 160.2 0.151 15.00 15.49 35.71 24.436 160.2 0.151 15.00 15.49 35.71 24.436 160.2 0.151 15.00 15.49 35.71 24.436 160.2 0.151 15.00 15.49 35.71 24.436 160.2 0.151 15.00 15.49 35.40 15.10 15.40 1 | | | | | | | | 15.42 | 35,68 | | | |
| 15.42 55.71 26.42 159.5 0.004 30 15.77 15.68 26.405 16.1 0.005 0.007 0.004 0.007 | | | | | | | | 15.39 | | | | 0.016 |
| 90 15.43 55.71 26.496 159.7 0.064 40 15.36 25.67 26.405 163.1 0.065 161.1 0.06 | | | | | | | | 15.38 | | | 161.6 | 0.032 |
| 50 13.49 35.72 26.493 159.4 0.080 50 15.27 35.65 26.492 10.7 0.081 60 15.49 35.72 26.495 10.2 0.096 0.0129 0. | | | | | | | | | | | 160.6 | 0.049 |
| 60 15.44 55.72 26.45 199.2 0.096 60 15.26 55.65 26.432 190.5 0.097 70 15.44 55.72 26.446 199.2 0.113 70 15.26 35.65 26.432 190.5 0.097 100 15.45 35.71 26.436 160.0 0.129 80 15.25 35.66 26.432 199.6 0.114 80 15.45 35.71 26.436 160.2 0.181 100 15.25 35.67 26.432 150.5 0.150.8 100 15.45 35.71 26.436 160.2 0.181 100 15.25 35.67 26.432 150.5 0.150.8 100 15.45 35.71 26.445 155.6 0.229 125 15.41 35.71 26.435 150.6 26.432 150.1 100 15.25 35.67 26.435 150.5 0.000 15.25 35.70 26.434 155.6 0.229 125 15.41 35.71 26.445 155.6 0.229 125 15.41 35.51 10.0 15.20 35.70 26.434 155.6 0.229 125 15.41 35.51 10.0 15.20 35.70 26.434 155.6 0.229 125 15.41 35.51 10.0 15.20 35.70 26.434 155.6 0.229 125 15.41 35.51 10.0 15.20 35.70 26.434 155.6 0.229 125 15.41 35.51 10.0 15.20 35.70 26.434 155.6 0.229 125 15.41 35.51 10.0 15.20 35.70 26.434 155.6 0.229 125 15.41 35.51 10.0 15.20 35.70 26.434 155.6 0.229 125 15.41 35.51 10.0 15.20 35.70 26.434 155.6 0.229 125 15.41 35.51 15.20 35.70 26.434 155.6 0.229 125 15.41 35.51 15.20 35.70 26.434 155.6 0.229 125 15.41 35.51 15.20 35.70 26.434 155.6 0.229 125 15.41 35.51 15.20 35.70 26.434 155.6 0.229 125 15.41 35.51 15.20 35.70 26.45 155.0 1 | | | | | | | | | | | 160 7 | 0.081 |
| 70 15,44 35,72 20,446 159,6 0,115 70 15,25 35,66 20,482 159,6 0,115 80 15,48 35,71 26,435 160,0 0,129 80 15,48 35,71 26,435 160,0 0,129 80 15,48 35,71 26,435 160,0 0,149 90 15,48 35,71 26,435 160,0 0,149 152,6 153,71 26,435 160,0 0,149 152,6 153,1 35,71 26,445 159,5 0,202 125 15,50 35,67 26,455 150,0 150, | | 15.44 | 35,72 | 26,446 | 159.2 | 0.096 | | | | | | |
| 80 15,44 35,71 26,438 160,4 0,129 80 15,28 35,67 26,450 158,8 0,139 80 15,48 30,136 30 | 70 | 15.44 | 35,72 | 26,446 | | | 70 | 15.25 | | | 159.6 | 0.114 |
| 100 15, 45 35, 71 26, 436 160, 2 0, 161 100 15, 20 35, 66 26, 453 158, 5 0, 162 152 152 13, 71 26, 448 159, 5 0, 202 125 15, 04 55, 72 26, 939 139, 4 0, 202 150 15, 20 35, 64 26, 468 155, 1 0, 242 150 15, 20 35, 64 26, 468 155, 1 0, 242 150 15, 20 35, 64 26, 468 155, 1 0, 242 150 15, 20 35, 64 26, 468 155, 1 0, 242 150 15, 20 35, 64 26, 468 155, 1 0, 242 150 15, 20 35, 64 26, 468 155, 1 0, 242 150 150 150 150 150 150 150 150 150 150 | | | 35.71 | 26.438 | 160.0 | 0.129 | | 15.25 | | | 158.8 | 0.150 |
| 125 13, 41 35, 71 26, 445 159, 3 0,202 125 15,04 55,67 26,497 154,4 0,202 120 14,41 35,60 25,70 26,484 155,6 0,322 200 14,97 35,68 26,498 155,1 0,242 200 14,41 35,64 26,527 151,6 0,322 200 14,97 35,68 26,498 155,1 0,242 200 14,41 35,64 26,527 147,1 0,779 250 14,26 35,58 26,556 146,7 0,320 350 14,30 35,64 26,527 147,1 0,779 250 14,26 35,58 26,556 146,7 0,320 350 14,31 35,31 26,629 147,7 0,779 350 41,26 35,58 26,556 146,3 0,398 350 13,90 35,47 26,599 149,7 0,634 400 12,51 55,19 26,556 139,3 0,628 450 11,33 35,11 26,725 132,7 0,708 450 41,23 34,96 26,721 155,1 0,701 350 4 10,35 34,85 26,763 129,2 0,708 450 41,23 34,96 26,721 155,1 0,701 350 4 10,35 34,85 26,763 110,0 0,077 550 4 11,23 34,96 26,721 155,1 0,701 350 4 10,35 34,85 26,768 110,0 0,077 550 4 51,23 34,96 26,721 152,9 0,854 47,19 34,92 27,018 105,2 0,967 550 4 51,1 34,5 2 46,957 110,96 36,97 36,98 34,98 27,709 9,2 1,023 700 4 5,27 34,28 27,099 99,2 1,023 700 4 4,97 34,24 27,099 99,2 1,025 700 4 4,97 34,24 27,099 99,2 1,025 700 4 4,97 34,24 27,099 99,2 1,025 700 4 4,97 34,24 27,199 95,9 1,056 800 4 4,33 34,21 27,119 95,5 1,129 800 4 4,16 34,21 27,119 95,9 1,056 800 4 4,33 34,21 27,119 95,5 1,129 800 4 4,16 34,21 27,119 95,6 1,107 800 4 4,16 34,21 27,119 95,9 1,056 800 4 4,33 34,22 27,119 80,6 1,176 950 800 4 4,16 34,21 27,119 95,9 1,056 | | 15.46 | 35.71 | 26,434 | 160.4 | 0.145 | | | | | 158.8 | 0.146 |
| 150 15.20 35.70 26.484 155.6 0.245 150 14.97 35.64 26.489 155.1 0.242 200 14.91 35.44 26.522 151.8 0.522 200 14.95 35.58 26.556 148.7 0.320 250 14.96 35.58 26.556 148.7 0.320 250 14.96 35.58 26.556 148.7 0.320 250 14.96 35.58 26.556 148.7 0.320 250 14.96 35.58 26.556 148.7 0.320 250 14.96 250 14 | | | 35.71 | | 159 3 | 0.161 | | | | | 158.5 | 0.162 |
| 200 14.91 35.64 26.524 151.6 0.322 200 14.95 35.58 26.536 146.7 0.320 200 14.97 35.58 26.536 146.7 0.320 200 14.97 35.58 26.536 146.7 0.320 200 14.97 35.58 26.536 14.9.5 0.378 200 14.97 35.58 26.536 14.9.5 0.474 200 200 14.97 35.58 26.536 14.9.5 0.474 200 200 14.97 35.58 26.536 14.9.5 0.474 200 200 200 200 200 200 200 200 200 20 | | | 35.70 | | 155.6 | 0.243 | | | 35.64 | | | |
| 250 14.60 55.61 26.597 149.6 0.401 250 14.26 55.56 26.592 146.3 0.398 200 14.7 350 14.04 55.51 26.596 145.5 0.474 250 13.40 35.47 26.599 145.7 0.557 3504 13.40 35.47 26.596 145.5 0.474 250 13.40 35.47 26.599 145.7 0.557 3504 13.40 35.49 26.596 149.9 0.552 26.5 | 200 | | 35,64 | 26.524 | 151.8 | 0.322 | | | 35.58 | | | |
| 15.0 | | | | | 149.6 | 0.401 | | 14.26 | 35.56 | 26.582 | 146.3 | 0.398 |
| 400 15, 11 25, 31 26, 629 141, 9 0,654 400A 12, 51 35, 19 26, 656 139, 3 0,628 150 11, 135 35, 11 26, 725 132, 7 0,708 450A 11, 23 34, 96 26, 761 135, 1 0,701 150A 10, 25 34, 96 26, 765 122, 9 0,771 150A 30, 20 34, 86 26, 865 11, 6 0,697 500A 9, 33 34, 78 26, 829 122, 9 0,771 150A 30, 20 34, 86 26, 865 11, 6 0,697 500A 6, 10 34, 77 26, 825 112, 9 0,695 600A 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 34, 87 27, 1012 105, 6 0,694 6, 12 1 | | | | | 147.1 | 0.479 | | | 35,51 | | | 0.474 |
| \$\begin{array}{cccccccccccccccccccccccccccccccccccc | | | 35.41 | | 145.7 | 0.557 | | | 35.42 | | 144.9 | 0.552 |
| Solar 10.35 34.81 26.763 129.2 0.779 Solar 9.83 34.78 26.929 122.9 0.775 Solar 9.102 34.82 26.957 110.8 0.847 550.4 8.15 34.57 26.955 112.9 0.855 600A 7.19 34.42 26.957 110.8 0.909 600A 6.52 34.54 27.012 105.6 0.894 650A 6.17 34.42 26.957 110.8 0.909 600A 6.52 34.54 27.012 105.6 0.894 700A 5.27 34.26 27.080 99.2 1.023 700A 4.97 34.24 27.099 97.4 1.094 750A 4.92 34.25 27.097 97.6 1.076 750A 4.6 34.21 27.115 95.9 1.056 800A 4.58 34.21 27.114 92.9 1.179 85.0A 4.16 34.21 27.139 93.6 1.107 900A 4.12 34.22 27.176 90.0 1.229 900A 3.92 34.21 27.189 86.6 1.206 930A 3.19 34.22 27.176 86.6 1.276 950A 3.47 34.22 27.22 85.7 1.258 1000A 3.68 34.22 27.176 86.6 1.276 950A 3.47 34.22 27.22 85.7 1.258 1000A 3.68 34.22 27.176 86.6 1.276 950A 3.47 34.22 27.22 86.8 1.206 1000A 3.68 34.22 27.176 86.6 1.276 950A 3.47 34.22 27.22 86.8 1.206 1000A 3.68 34.22 27.176 86.6 1.276 950A 3.47 34.22 27.22 86.8 1.206 1000A 3.68 34.22 27.176 86.6 1.276 950A 3.47 34.22 27.22 86.8 1.206 1000A 3.68 34.22 27.176 86.6 1.276 950A 3.47 34.22 27.22 86.8 1.206 1000A 3.68 34.22 27.176 96.6 1.276 950A 3.47 34.22 27.22 86.8 1.206 1000A 3.68 34.22 27.176 96.6 1.276 950A 3.47 97.50 950A 3.47 97.50 97.6 1.206 1000A 3.68 34.22 27.176 96.6 1.276 950A 3.47 97.50 97.6 1.206 1000A 3.68 34.22 27.176 96.6 1.276 97.0 1.206 97.0 97.6 | | | | | | | | | | 26.656 | | |
| Section Sect | | | 34.81 | 26,763 | 129.2 | 0.779 | | 9.83 | | 26.829 | 122 9 | 0.771 |
| 600A 7.19 34.42 26.997 110.8 0.999 600A 6.32 34.54 27.012 105.6 0.894 650A 6.32 34.54 27.012 105.6 0.894 650A 6.32 34.25 27.016 105.2 0.950 700A 5.27 34.26 27.030 99.2 1.023 700A 4.97 34.24 27.099 97.4 1.094 750A 4.92 34.25 27.030 99.2 1.025 700A 4.97 34.24 27.099 97.4 1.094 750A 4.92 34.25 27.030 99.2 1.056 750A 4.92 34.21 27.115 95.9 1.056 850A 4.30 34.21 27.115 95.9 1.056 850A 4.33 34.22 27.119 95.5 1.128 800A 4.40 34.21 27.115 95.9 1.157 850A 4.33 34.22 27.119 95.5 1.128 800A 4.40 34.21 27.115 95.9 1.157 950A 4.33 34.22 27.119 95.5 1.128 950A 4.30 34.21 27.115 95.9 1.157 950A 4.30 34.21 27.115 95.0 1.127 95 | | | 34.68 | 26.885 | 117.6 | 0.847 | 550A | 8.15 | 34.57 | 26.935 | 112.9 | 0.855 |
| Book | | 7.19 | 34.42 | | 110.8 | 0.909 | | 6.32 | | 27.012 | 105.6 | 0.894 |
| 756A 4.92 34.23 27.097 97.6 1.076 750A 4.92 54.21 27.115 95.9 1.056 800A 4.58 34.21 27.115 95.6 1.107 850A 4.58 34.21 27.119 95.5 1.128 800A 4.30 34.21 27.139 93.6 1.107 850A 4.58 34.21 27.139 93.6 1.107 850A 4.12 34.22 27.176 90.0 1.229 900A 3.67 34.22 27.196 86.6 1.206 950A 3.67 34.22 27.196 86.6 1.206 950A 3.67 34.22 27.198 86.6 1.206 950A 3.67 34.22 27.221 85.8 1.299 1100A 3.68 34.21 27.169 86.8 1.206 1100A 3.99 34.22 27.221 85.8 1.259 1100A 3.27 34.22 27.221 85.8 1.355 1100A 3.68 34.21 27.165 86.6 1.256 1100A 3.49 34.22 27.221 85.8 1.259 1100A 3.27 34.25 27.284 85.3 1.299 1100A 3.27 34.25 27.285 1100A 2.80 34.26 27.305 77.9 1.586 120A 2.80 34.35 27.366 72.0 1.470 1100A 2.80 34.35 27.366 72.0 1.470 1100A 2.80 34.34 27.465 62.6 1.627 1100A 2.80 34.47 27.309 55.5 1.759 130A 2.75 34.56 27.419 67.0 1.457 1100A 2.75 34.56 27.305 77.9 1.722 100A 2.80 34.41 27.466 62.6 1.627 1100A 2.75 34.56 27.65 55.1 1.767 1100A 2.75 34.56 27.65 55.1 1.767 1100A 2.75 34.56 27.65 45.1 1.767 1100A 2.75 34.60 27.765 34.60 27.65 45.1 1.996 180CA 2.76 34.55 27.666 45.3 1.675 1100A 2.76 34.50 27.650 45.1 1.996 180CA 2.78 34.60 27.768 42.5 1.992 1100A 2.75 34.60 27.77 34.60 42.70 34 | | 6.17 | | | 105.2 | 0.967 | | 5.59 | | | 102.1 | 0.950 |
| 800A 4,58 34,21 27,119 95,5 1,128 800A 4,00 34,21 27,139 95,6 1,107 900A 4,16 34,21 27,139 95,6 1,107 900A 4,12 34,22 27,176 90,0 1,229 90A 3,92 34,21 27,129 86,8 1,206 950A 3,91 34,22 27,178 80,6 1,278 950A 3,67 34,22 27,228 85,8 1,205 1000A 3,68 34,22 27,228 85,8 1,325 1000A 3,68 34,22 27,228 85,8 1,325 1000A 3,68 34,22 27,228 85,8 1,325 1000A 3,10 3,10 34,22 27,285 79,8 1,416 1100A 3,14 34,26 27,505 77,9 1,368 1200A 3,00 34,27 27,341 74,4 1,501 1200A 2,90 34,31 27,366 72,0 1,170 1300A 2,81 34,36 27,414 67,5 1,579 1300A 2,5 34,31 27,366 72,0 1,170 1400A 2,80 34,47 27,507 95,5 1,722 1500A 2,80 34,41 27,465 62,6 1,620 1500A 2,73 34,47 27,507 95,5 1,722 1500A 2,80 34,41 27,465 62,6 1,620 1500A 2,73 34,67 27,509 55,5 1,722 1500A 2,64 34,47 27,557 57,8 1,628 1600A 2,72 34,50 27,613 48,6 1,648 1700A 2,60 34,41 27,465 62,6 1,620 1700A 2,72 34,50 27,613 48,6 1,648 1700A 2,67 34,50 27,646 49,3 1,723 1700A 2,72 34,50 27,613 48,6 1,648 1700A 2,71 34,59 27,606 49,3 1,723 1700A 2,72 34,60 27,613 48,6 1,648 1700A 2,71 34,59 27,606 49,3 1,633 1800A 2,78 34,69 27,680 42,3 1,961 1900A 2,60 34,60 27,648 45,3 1,631 1900A 2,78 34,69 27,648 42,3 1,961 1900A 2,60 34,60 27,648 45,3 1,631 1900A 2,78 34,69 27,648 42,3 1,961 1900A 2,60 34,60 27,648 45,3 1,631 1900A 2,78 34,69 27,648 42,3 1,961 1900A 2,63 34,60 27,648 45,3 1,631 1900A 2,78 34,69 27,648 42,3 1,961 1900A 2,63 34,60 27,648 45,3 1,631 1900A 2,78 34,69 27,648 42,3 1,961 1900A 2,68 34,77 27,738 36,6 2,033 200A 2,85 34,74 27,713 39,1 2,015 2000A 2,83 34,61 27,715 36,9 1,981 2000A 2,83 34,61 27,748 32,4 2,066 2100A 2,83 34,61 27,777 35,1 1,981 2000A 2,83 34,61 27,778 35,1 1,981 2000A 2,83 34,61 27,762 34,52 2,083 2000A 2,83 34,61 27,783 36,4 2,083 2000A 2,83 34,61 27,783 36,4 2,083 2000A 2,83 34,61 27,783 36,6 2,083 2000A 2,83 34,61 27, | | 4.92 | 34 23 | | 97.4 | 1.025 | | 4.97 | | | 97.4 | 1.004 |
| 850A 4,33 34,21 27,146 92,9 1,179 850A 4,16 34,21 27,164 91,2 1,179 900A 4,12 34,22 27,176 90,0 1,229 900A 3,92 34,21 27,189 86,8 1,206 950A 3,91 34,22 27,189 86,6 1,278 950A 3,67 34,22 27,222 85,7 1,225 1000A 3,68 54,22 27,221 85,8 1,325 1000A 3,67 34,22 27,248 85,3 1,229 1100A 3,27 34,25 27,285 79,8 1,416 1100A 3,149 34,26 27,305 77,9 1,586 1200A 3,27 34,29 27,341 74,4 1,501 1200A 2,40 34,15 27,56c 72,0 1,586 1200A 2,81 34,36 27,414 67,5 1,579 1300A 2,81 34,42 27,465 62,9 1,655 1400A 2,68 34,10 2,765 34,40 2,765 1500A 2,73 34,47 27,509 58,5 1,722 1500A 2,68 34,41 27,465 62,6 1,620 1500A 2,73 34,47 27,509 58,5 1,722 1500A 2,68 34,41 27,665 62,6 1,620 1500A 2,73 34,40 27,555 31 1,767 1600A 2,66 34,47 27,517 57,8 1,688 1600A 2,72 34,60 27,613 48,6 1,848 1700A 2,67 34,59 27,606 49,3 1,614 1800A 2,75 34,65 27,646 45,5 1,679 1800A 2,75 34,65 27,660 49,3 1,614 1800A 2,75 34,65 27,660 42,3 1,961 1900A 2,68 34,47 27,715 36,9 1,691 1900A 2,78 34,67 27,713 39,1 2,015 2000A 2,83 34,74 27,713 39,1 2,015 2000A 2,83 34,76 27,741 36,4 2,666 2100A 2,89 34,89 27,764 32,4 2,165 2300A 2,85 34,89 27,762 34,5 2,162 29,7 2,259 2500A 2,93 34,81 27,784 32,4 2,165 2,266 2100A 2,85 34,89 27,764 32,4 2,165 2,266 2100A 2,85 34,89 27,764 32,4 2,165 2300A 2,85 34,89 27,784 32,4 2,165 2,266 2100A 2,85 34,89 27,777 35,16 2,117 2500A 2,93 34,87 27,812 29,7 2,259 2500A 2,85 34,89 27,80 27,80 2,265 2000A 2,93 34,87 27,812 29,7 2,259 2500A 2,93 34,87 27,812 29,7 2,259 2500A 2,85 34,89 27,80 27,80 2,265 2000A 2,93 34,87 27,812 29,7 2,259 2500A 2,93 34,89 27 | | | 34.21 | | 95.5 | 1.128 | | | 34.21 | | 93.7 | 1 107 |
| 900A 4,12 34,22 27,176 90,0 1,229 900A 3,92 34,21 27,169 88,8 1,206 950A 3,91 34,22 27,198 86,6 1,325 1000A 3,68 54,22 27,221 85,8 1,325 1000A 3,68 54,22 27,285 79,8 1,416 1100A 3,69 34,29 27,341 74,4 1,501 1200A 3,00 54,29 27,341 74,4 1,501 1200A 2,10 34,49 27,465 62,9 1,655 1400A 2,15 34,49 27,465 62,9 1,655 1400A 2,15 34,49 27,465 62,9 1,655 1600A 2,23 34,47 27,569 58,5 1,722 1500A 2,26 34,49 27,465 62,9 1,655 1600A 2,73 34,47 27,569 58,5 1,722 1600A 2,26 34,49 27,465 62,9 1,655 1600A 2,73 34,47 27,569 53,1 1,787 1600A 2,68 34,41 27,465 62,6 1,620 1700A 2,73 34,49 27,613 48,6 1,888 1700A 2,68 34,49 27,666 49,3 1,617 1700A 2,72 34,50 27,650 45,1 1,966 1600A 2,67 34,53 27,562 53,5 1,753 1700A 2,78 34,69 27,680 45,1 1,996 1600A 2,78 34,69 27,666 49,3 1,617 1800A 2,78 34,69 27,680 42,3 1,961 1900A 2,88 34,74 27,713 39,1 2,015 2000A 2,83 34,81 27,724 36,4 2,066 2000A 2,83 34,74 27,715 36,9 1,961 2100A 2,93 34,81 27,724 36,4 2,066 2000A 2,83 34,74 27,715 36,9 1,961 2200A 2,93 34,81 27,724 36,4 2,165 2200A 2,83 34,60 27,767 33,16 2,109 2200A 2,93 34,81 27,724 36,4 2,165 2200A 2,83 34,60 27,777 33,16 2,109 2300A 2,93 34,81 27,724 36,4 2,165 2200A 2,83 34,60 27,777 33,16 2,109 2400A 2,93 34,81 27,724 36,4 2,165 2200A 2,83 34,60 27,777 33,16 2,109 2500A 2,93 34,81 27,724 36,4 2,165 2200A 2,85 34,80 27,777 33,16 2,109 2500A 2,93 34,81 27,724 36,4 2,165 2200A 2,85 34,80 27,777 33,16 2,109 2500A 2,93 34,86 27,80 29,7 2,212 2400A 2,85 34,80 27,777 33,16 2,109 2500A 2,93 34,86 27,80 29,7 2,212 2400A 2,85 34,80 27,778 36,6 2,083 2500A 2,93 34,87 27,81 29,7 2,212 2400A 2,85 34,80 27,783 36,6 2,083 2500A 2,93 34,86 27,80 29,7 34,80 29,7 34,80 29,7 38,80 29,7 | | | 34.21 | | 92.9 | 1.179 | | | | | | 1.157 |
| 950A 3.91 34.22 27.198 88.6 1.278 950A 3.67 34.22 27.222 85.7 1.255 1000A 3.68 34.22 27.201 85.6 1.325 1000A 3.49 34.22 27.205 87.9 1.255 1100A 3.27 34.25 27.285 79.6 1.416 1100A 3.14 34.26 27.305 77.9 1.586 1200A 3.27 34.25 27.285 79.6 1.416 1100A 3.14 34.26 27.305 77.9 1.586 1200A 3.27 34.29 27.341 74.4 1.501 1200A 2.90 34.51 27.56c 72.0 1.470 1500A 2.81 34.36 27.414 67.5 1.579 1500A 2.80 34.29 27.505 62.6 1.620 1500A 2.80 34.20 27.505 79.9 58.5 1.752 1500A 2.83 34.41 27.465 62.6 1.620 1500A 2.73 34.47 27.509 58.5 1.722 1500A 2.68 34.41 27.465 62.6 1.620 1500A 2.73 34.47 27.505 53.1 1.787 1600A 2.67 34.50 27.565 53.1 1.787 1600A 2.67 34.50 27.50 66 49.3 1.667 1700A 2.72 34.60 27.613 48.6 1.848 1700A 2.75 34.55 27.666 49.3 1.673 1900A 2.78 34.65 27.680 42.3 1.961 1800A 2.78 34.65 27.684 45.3 1.673 1900A 2.78 34.65 27.680 42.3 1.961 1800A 2.78 34.65 27.684 45.3 1.673 1900A 2.78 34.65 27.680 42.3 1.961 1800A 2.83 34.74 27.713 39.1 2.015 2000A 2.83 34.74 27.713 39.1 2.015 2000A 2.83 34.78 27.714 36.4 2.066 2100A 2.83 34.77 27.738 56.6 2.033 2200A 2.83 34.81 27.762 34.5 27.684 22.5 11.928 2200A 2.83 34.81 27.762 34.5 27.684 22.5 11.928 2200A 2.93 34.81 27.762 34.5 27.684 22.5 116 2200A 2.85 34.87 27.784 32.4 2.165 2200A 2.85 34.80 27.785 31.6 2.083 2300A 2.95 34.80 27.784 32.4 2.165 2200A 2.85 34.87 27.852 2200A 2.95 34.80 27.784 32.4 2.165 2200A 2.85 34.80 27.784 32.4 2.165 2200A 2.85 34.80 27.784 32.4 2.165 2200A 2.85 34.80 27.785 31.6 2.179 2500A 2.93 34.80 27.80 27.80 20.785 30.7 2.212 2400A 2.85 34.80 27.80 30.8 22.226 22.00 2.95 34.80 27.80 2 | | | | | 90.0 | 1.229 | | | | | | 1.206 |
| 1100A 3,27 34,25 27,285 79,8 1,416 1100A 3,14 34,26 27,305 77,9 1,586 1,200A 3,00 54,29 27,341 74,4 1,501 1200A 2,40 34,51 27,567 72,0 1,470 1300A 2,81 34,36 27,414 67,5 1,579 1300A 2,75 34,36 27,419 67,0 1,579 1300A 2,75 34,36 27,419 67,0 1,579 1400A 2,80 34,42 27,655 62,6 1,555 1400A 2,68 34,41 27,465 62,6 1,620 1500A 2,73 34,47 27,509 58,5 1,722 1500A 2,68 34,41 27,465 62,6 1,620 1500A 2,73 34,47 27,509 58,5 1,722 1500A 2,67 34,53 27,562 53,5 1,753 1700A 2,72 34,60 27,615 48,6 1,688 1700A 2,77 34,53 27,562 53,5 1,753 1700A 2,72 34,60 27,615 48,6 1,688 1700A 2,71 34,59 27,666 49,3 1,673 1700A 2,72 34,60 27,615 48,6 1,688 1700A 2,71 34,59 27,666 49,3 1,673 1700A 2,72 34,60 27,615 48,6 1,688 1700A 2,71 34,59 27,666 49,3 1,673 1800A 2,78 34,69 27,680 42,3 1,961 1900A 2,78 34,69 27,678 42,5 1,928 200CA 2,85 34,74 27,713 39,1 2,015 2000A 2,83 34,74 27,715 36,9 1,961 2100A 2,89 34,78 27,741 36,4 2,066 2100A 2,84 34,77 27,715 36,8 2,035 2200A 2,93 34,61 27,762 34,5 2,116 2200A 2,85 34,80 27,777 33,1 2,111 2400A 2,93 34,86 27,802 30,7 2,212 2400A 2,85 34,80 27,777 33,1 2,111 2400A 2,93 34,86 27,802 30,7 2,212 2400A 2,85 34,80 27,777 33,1 2,111 2400A 2,93 34,86 27,802 30,7 2,212 2400A 2,85 34,80 27,777 33,1 2,111 2400A 2,79 34,87 27,802 20,7 2,209 2,209 34,87 27,802 20,7 2,209 2,200 2,20 34,87 27,802 20,7 2,209 2,200 2,20 34,87 27,802 20,7 2,20 2,20 2,20 2,20 3,20 3,20 3,20 2,20 3,20 3 | | 3.91 | 34.22 | | 88.0 | 1.278 | | | | | | 1.253 |
| 1200A 3.00 34.29 27.311 74.4 1.501 1200A 2.40 34.31 27.366 72.0 1.470 1300A 2.81 34.36 27.414 67.5 1.579 1300A 2.75 34.36 27.415 67.5 1.579 1300A 2.75 34.36 27.415 67.5 1.579 1300A 2.68 34.41 27.465 62.6 1.620 1500A 2.73 34.42 27.565 58.5 1.722 1500A 2.68 34.41 27.465 62.6 1.620 1500A 2.73 34.54 27.565 58.5 1.722 1500A 2.67 34.53 27.562 53.5 1.753 1700A 2.72 34.60 27.615 48.6 1.848 1700A 2.71 34.59 27.666 49.3 1.614 1800A 2.75 34.65 27.648 45.3 1.673 1900A 2.78 34.65 27.648 45.3 1.673 1900A 2.85 34.74 27.713 38.9 27.666 20.000A 2.83 34.74 27.715 38.9 34.65 20.000A 2.85 34.74 27.713 36.4 2.066 2100A 2.86 34.77 27.738 36.8 2.005 2200A 2.85 34.74 27.713 36.4 2.066 2100A 2.85 34.84 27.773 36.6 2.003 2200A 2.95 34.84 27.784 32.4 2.165 2300A 2.85 34.82 27.777 33.1 2.115 2200A 2.95 34.84 27.793 31.6 2.179 2500A 2.90 34.87 27.812 29.7 2.259 2500A 2.85 34.84 27.793 31.6 2.179 2500A 2.90 34.87 27.812 29.7 2.259 2500A 2.85 34.84 27.783 30.8 2.226 2.80 2.84 34.87 27.812 29.7 2.259 2500A 2.85 34.84 27.783 30.8 2.226 2.80 | | | | | | 1.325 | | | | | | 1.299 |
| 1300A 2.81 34.36 27.414 67.5 1.579 1300A 2.75 34.36 27.419 67.0 1.597 1400A 2.80 34.42 27.463 62.9 1.653 1400A 2.68 34.41 27.465 62.6 1.620 1500A 2.73 34.47 27.509 58.5 1.722 1500A 2.64 34.47 27.517 57.8 1.608 1600A 2.73 34.60 27.613 48.6 1.648 1700A 2.71 34.59 27.666 49.3 1.614 1700A 2.75 34.60 27.613 48.6 1.648 1700A 2.71 34.59 27.606 49.3 1.614 1800A 2.75 34.65 27.650 45.1 1.906 1800A 2.78 34.65 27.648 45.3 1.673 1900A 2.76 34.67 27.715 39.1 2.015 2000A 2.63 34.74 27.715 38.9 1.926 2000A 2.85 34.74 27.715 39.1 2.015 2000A 2.63 34.74 27.715 38.9 1.926 2100A 2.89 34.81 27.762 34.5 2.116 2200A 2.65 34.80 27.761 34.6 2.003 2.95 34.81 27.762 34.5 2.116 2200A 2.65 34.80 27.771 33.1 2.151 2400A 2.93 34.66 27.802 30.7 2.212 2400A 2.85 34.84 27.793 31.6 2.179 2500A 2.99 34.67 27.812 29.7 2.259 2500A 2.65 34.84 27.793 31.6 2.179 2500A 2.84 34.67 27.82 28.4 2.351 2700A 2.65 34.84 27.801 30.8 2.226 2600A 2.64 34.67 27.82 27.83 27.6 28.4 2.351 2700A 2.65 34.85 27.82 28.8 2.318 2600A 2.64 34.67 27.83 27.83 27.6 28.4 2.351 2700A 2.45 34.85 27.83 27.6 28.8 2.365 2900A 2.64 34.67 27.83 27.5 2.59 2.500A 2.65 34.85 27.83 27.6 2.35 2900A 2.64 34.67 27.83 27.6 2.57 2.59 2.500A 2.65 34.85 27.83 27.6 2.35 2900A 2.65 34.85 27.83 27.6 28.5 2.355 2.500A 2.65 34.85 27.83 27.6 2.35 2900A 2.67 34.86 27.83 27.83 27.5 2.59 2.500A 2.65 34.85 27.83 27.6 2.35 2900A 2.67 34.86 27.83 27.83 27.5 2.59 2.575 2.500A 2.93 34.85 27.85 27.6 2.575 3000A 2.77 34.87 27.84 27.85 26.6 2.575 3.500A 1.57 34.79 | | | 34.29 | 27.341 | | | | | | | | 1.308 |
| 1400A 2,80 34,42 27,463 62,9 1,655 1400A 2,68 34,41 27,465 62,6 1,628 1500A 2,73 34,47 27,509 58,5 1,722 1500A 2,64 34,47 27,517 57,8 1,688 1500A 2,72 34,54 27,565 53,1 1,787 1600A 2,67 34,59 27,606 49,3 1,814 1800A 2,75 34,60 27,613 48,6 1,848 1700A 2,71 34,59 27,606 49,3 1,814 1800A 2,75 34,65 27,650 45,1 1,906 1800A 2,78 34,65 27,648 45,3 1,673 1900A 2,78 34,65 27,676 42,5 1,928 1,928 1,961 1900A 2,80 34,67 27,676 42,5 1,928 1,928 1,961 1900A 2,80 34,67 27,676 42,5 1,928 1,928 1,961 1900A 2,80 34,67 27,715 36,9 1,961 1900A 2,80 34,67 27,715 36,9 1,961 1900A 2,83 34,74 27,715 36,9 1,961 1900A 2,83 34,74 27,715 36,9 1,961 1900A 2,83 34,74 27,715 36,9 1,961 1900A 2,80 34,67 27,741 36,4 2,066 2100A 2,85 34,80 27,761 34,6 2,008 2300A 2,95 34,80 27,764 34,5 2,116 2200A 2,85 34,80 27,761 34,6 2,008 2300A 2,95 34,80 27,784 32,4 2,165 2300A 2,85 34,80 27,777 33,1 2,131 2500A 2,93 34,87 27,804 29,7 2,212 2400A 2,85 34,80 27,773 31,6 2,179 2500A 2,90 34,87 27,804 29,7 2,259 2500A 2,95 34,80 27,805 2,226 2700A 2,84 34,87 27,805 2,355 2600A 2,69 34,85 27,805 2,226 2700A 2,84 34,87 27,805 2,257 2,350 2,008 2,44 34,87 27,805 27,825 2,356 2,305 2,407 | | | 34.36 | 27.414 | | | | 2.75 | | | | 1.547 |
| 1500A 2,73 34,67 27.509 58.5 1.722 1500A 2,64 34,47 27.517 57,8 1,688 1600A 2,72 34,54 27.562 53.5 1.755 1700A 2,72 34,60 27.613 48.6 1.848 1700A 2,71 34.59 27.666 49.3 1.619 1800A 2,78 34.65 27.664 49.3 1.619 1800A 2,78 34.65 27.668 45.3 1.673 1900A 2,78 34.65 27.680 42.3 1.961 1900A 2.80 34.69 27.678 42.5 1.928 2000A 2.83 34.69 27.618 42.5 1.928 2000A 2.83 34.69 27.715 38.9 1.961 2100A 2.80 34.69 27.715 38.9 1.961 2100A 2.80 34.69 27.715 38.9 1.961 2100A 2.80 34.69 27.715 38.9 1.961 2100A 2.89 34.8 27.715 38.9 1.961 2100A 2.89 34.68 27.741 36.4 2.066 2100A 2.84 34.77 27.738 36.6 2.033 2200A 2.93 34.61 27.762 34.5 2.116 2200A 2.85 34.80 27.761 34.6 2.083 2800A 2.95 34.80 27.781 32.4 2.165 2300A 2.85 34.80 27.777 33.1 2.131 2400A 2.93 34.86 27.802 30.7 2.212 2400A 2.85 34.80 27.777 33.1 2.131 2400A 2.93 34.86 27.812 29.7 2.259 2500A 2.85 34.80 27.783 31.6 2.179 2500A 2.93 34.86 27.812 29.7 2.259 2500A 2.85 34.80 27.782 29.8 2.266 22.000 2.84 34.86 27.822 28.8 2.355 2500A 2.86 34.85 27.822 28.8 2.355 2500A 2.76 34.85 27.822 28.8 2.355 2500A 2.76 34.85 27.822 28.8 2.355 2500A 2.76 34.85 27.822 28.8 2.356 2500A 2.69 34.85 27.858 27.822 28.8 2.356 2500A 2.69 34.85 27.858 27.8 2.272 28.8 2.355 2500A 2.76 34.85 27.858 27.8 2.272 28.8 2.355 2500A 2.76 34.85 27.858 27.8 2.272 28.8 2.355 2500A 2.76 34.85 27.858 27.8 2.256 27.8 2 | | 2.80 | 34.42 | 27,463 | 62.5 | 1.653 | 1400A | | 34.41 | 27.465 | | 1.620 |
| 1700A 2,72 34,60 27,613 48,6 1,848 1700A 2,71 34,59 27,606 49,3 1,814 1800A 2,75 34,65 27,636 45,1 1,906 1800A 2,78 34,65 27,648 45,3 1,673 1900A 2,78 34,69 27,676 42,5 1,928 2000A 2,85 34,74 27,713 39,1 2,015 2000A 2,83 34,74 27,715 38,9 1,961 2100A 2,83 34,74 27,715 38,9 1,961 2100A 2,83 34,74 27,715 38,9 1,961 2200A 2,85 34,80 27,761 34,6 2,033 2200A 2,93 34,81 27,762 34,5 2,116 2200A 2,85 34,80 27,7761 34,6 2,083 2300A 2,95 34,84 27,784 32,4 2,165 2300A 2,85 34,80 27,777 33,1 2,131 2400A 2,93 34,86 27,802 30,7 2,212 2400A 2,85 34,84 27,793 31,6 2,179 2500A 2,93 34,86 27,826 28,5 2,305 2600A 2,85 34,84 27,801 30,8 2,226 2600A 2,85 34,87 27,801 30,8 2,226 2600A 2,85 34,87 27,836 2,255 2,272 2,299 2500A 2,76 34,85 27,838 2,265 2,272 2,290 2,200 2,74 34,67 27,836 27,55 2,356 2600A 2,69 34,85 27,838 2,365 2,272 2,290 2,200 2,43 34,85 27,838 27,835 27,838 2,365 2,300 2,27 34,84 27,838 27,835 27,838 27,835 27,838 27,835 27,838 27,835 27,838 27,838 27,835 27,836 27,3300A 2,27 34,84 27,845 27,845 | | | | | | | | | | | 57.8 | 1.688 |
| 14000 2.75 34.65 27.650 45.1 1.906 1800A 2.78 34.65 27.648 45.3 1.673 1900A 2.78 34.69 27.676 42.5 1.928 2000A 2.85 34.74 27.715 38.9 1.981 2100A 2.89 34.74 27.715 38.9 1.981 2100A 2.89 34.78 27.741 36.4 2.666 2100A 2.84 34.77 27.738 36.8 2.033 2300A 2.93 34.81 27.762 34.5 2.116 2200A 2.85 34.80 27.761 34.6 2.083 2300A 2.95 34.84 27.788 32.4 2.165 2300A 2.85 34.84 27.773 31.6 2.131 2200A 2.93 34.86 27.862 35.7 2.212 2400A 2.85 34.84 27.773 31.6 2.131 2200A 2.93 34.86 27.862 27.784 32.4 2.165 2300A 2.85 34.84 27.793 31.6 2.137 2200A 2.93 34.86 27.862 28.5 2.305 2600A 2.85 34.84 27.793 31.6 2.137 2200A 2.93 34.86 27.826 28.5 2.305 2600A 2.85 34.84 27.793 31.6 2.137 2200A 2.94 34.86 27.826 28.5 2.305 2600A 2.61 34.85 27.828 29.5 2.272 28.8 2.318 2800A 2.76 34.84 27.801 30.8 2.226 27.00A 2.74 34.87 27.827 28.84 2.351 27.00A 2.74 34.87 27.827 28.84 2.351 27.00A 2.61 34.85 27.832 27.835 27.832 27.5 2.396 28.00A 2.50 34.85 27.832 27.835 27.832 27.9 2.441 29.00A 2.64 34.87 27.828 28.2 2.363 34.86 27.836 27.832 27.9 2.441 29.00A 2.27 34.86 27.836 27.836 27.3 2.407 30.00A 2.41 34.86 27.836 27.836 27.5 2.570 32.00A 2.72 34.80 27.836 27.836 27.3 2.407 30.00A 2.47 34.80 27.836 27.836 27.5 2.570 32.00A 1.93 34.80 27.835 27.832 27.9 2.441 35.00A 2.27 34.80 27.836 27.836 27.3 2.407 35.00A 1.57 34.87 27.844 27.845 26.6 2.527 35.00A 1.93 34.80 27.835 27.832 27.9 2.450 35.00A 1.75 34.78 27.837 27.4 2.610 33.00A 1.79 34.79 27.842 27.0 2.555 35.00A 1.57 34.78 27.847 27.847 26.6 2.689 35.00A 1.59 34.77 27.844 27.850 26.2 2.689 35.00A 1.50 34.77 27.847 27.850 26.2 2.689 35.00A 1.50 34.77 27.845 27.850 26.2 2.689 35.00A 1.50 34.77 27.847 26.6 2.66 2.686 35.00A 1.50 34.77 27.847 27.850 26.2 2.689 35.00A 1.50 34.77 27.847 27.850 26.2 2.765 38.00A 1.50 34.77 27.847 27.850 26.2 2.765 38.00A 1.50 34.77 27.847 27.850 26.2 2.765 38.00A 1.50 34.77 27.846 26.6 2.825 38.00A 0.95 34.70 27.846 26.6 2.825 38.00A 0.95 34.70 27.846 26.6 2.825 38.00A 0.96 34.70 27.846 26.6 2.825 38.00A 0.96 34.70 27.846 26.6 2.825 38.00A 0.96 34.70 27.846 26.6 2.825 | | | | | | 1.787 | | | | | 53.5 | 1.753 |
| 1900 2.78 | | | | | | 1.906 | | 2.71 | | | 49.3 | 1.614 |
| 2000A 2.85 34.74 27.715 39.1 2.015 2000A 2.83 34.74 27.715 38.9 1.981 2100A 2.89 34.76 27.741 36.4 2.066 2100A 2.87 34.77 27.738 36.8 2.033 2500A 2.95 34.86 27.741 36.4 2.066 2100A 2.85 34.80 27.761 34.6 2.083 2500A 2.95 34.86 27.782 34.5 2.116 2200A 2.85 34.80 27.761 34.6 2.083 2500A 2.95 34.86 27.802 30.7 2.212 2400A 2.85 34.80 27.773 31.6 2.179 2500A 2.93 34.86 27.802 30.7 2.212 2400A 2.85 34.84 27.793 31.6 2.179 2500A 2.90 34.86 27.802 29.7 2.259 2500A 2.76 34.84 27.801 30.8 2.226 2500A 2.76 34.86 27.802 29.7 2.259 2500A 2.76 34.84 27.801 30.8 2.226 2500A 2.74 34.87 27.827 28.4 2.351 2700A 2.61 34.85 27.822 28.8 2.318 2600A 2.64 34.87 27.827 28.4 2.351 2700A 2.61 34.85 27.822 28.8 2.318 2800A 2.64 34.87 27.832 27.9 2.441 2900A 2.65 34.85 27.828 28.2 2.363 27.004 2.74 34.86 27.832 27.9 2.441 2900A 2.45 34.85 27.832 27.9 2.441 30.00A 2.27 34.80 27.832 27.8 27.8 27.8 27.8 27.8 27.8 27.8 27. | | | | | | | | 2.80 | | | | 1.928 |
| 2100A 2.89 34.78 27.741 36.4 2.066 2100A 2.84 34.77 27.786 36.8 2.033 2200A 2.95 34.81 27.762 34.5 2.116 2200A 2.85 34.80 27.776 34.6 2.083 2300A 2.95 34.81 27.784 32.4 2.165 2300A 2.85 34.82 27.777 33.1 2.131 2400A 2.93 34.86 27.862 30.7 2.212 2400A 2.85 34.82 27.777 33.1 2.131 2500A 2.93 34.86 27.862 28.5 2.305 2500A 2.85 34.82 27.777 33.1 2.131 2500A 2.80 34.87 27.812 29.7 2.259 2500A 2.85 34.82 27.773 31.6 2.179 2500A 2.84 34.86 27.826 28.5 2.305 2600A 2.69 34.87 27.82 28.8 2.318 2700A 2.74 34.87 27.832 27.9 2.441 2900A 2.81 34.85 27.82 28.8 2.318 2800A 2.50 34.85 27.832 27.9 2.441 2900A 2.81 34.86 27.848 26.8 2.527 34.84 3000A 2.27 34.83 27.83 27.9 2.484 3000A 2.27 34.80 27.83 27.3 2.407 3000A 2.21 34.86 27.848 26.8 2.527 31.00A 2.27 34.83 27.83 27.8 27.8 2.85 33.00A 1.97 34.80 27.836 27.836 27.3 2.00A 2.81 34.85 27.836 27.836 27.3 2.407 35.00A 1.97 34.80 27.836 27.836 27.3 2.00A 2.87 34.80 27.836 27.836 27.836 27.8 2.89 27.8 2 | | | 34.74 | 27.713 | | | | | | | | |
| 2000 | | | 34.78 | 27.741 | | | | | | | | |
| 2000A 2.93 34.86 27.802 30.7 2.212 2400A 2.85 34.84 27.793 31.6 2.179 2500A 2.90 34.87 27.812 29.7 2.259 2500A 2.76 34.84 27.793 31.6 2.276 2500A 2.84 34.87 27.812 29.7 2.259 2500A 2.76 34.84 27.801 30.8 2.226 2700A 2.84 34.86 27.826 28.5 2.305 2600A 2.69 34.85 27.822 28.8 2.272 2700A 2.74 34.87 27.836 27.5 2.596 28.04 2.54 34.85 27.822 28.8 2.318 2800A 2.64 34.87 27.832 27.9 2.441 2900A 2.54 34.85 27.828 28.2 2.563 2900A 2.50 34.85 27.832 27.9 2.441 2900A 2.43 34.85 27.838 27.3 2.407 3000A 2.41 34.86 27.848 26.4 2.484 3000A 2.27 34.83 27.835 27.6 2.450 3100A 2.27 34.84 27.843 26.8 2.527 3100A 2.12 34.82 27.840 27.2 2.492 3200A 1.97 34.80 27.836 27.5 2.570 3200A 1.93 34.80 27.839 27.2 2.554 3200A 1.75 34.78 27.837 27.4 2.610 3300A 1.79 34.70 27.832 27.0 2.554 3500A 1.55 34.77 27.841 27.0 2.650 3400A 1.62 34.78 27.847 26.5 2.614 3500A 1.53 34.77 27.846 26.6 2.688 3500A 1.50 34.77 27.847 26.5 2.614 3500A 1.30 34.75 27.846 26.6 2.725 3600A 1.55 34.77 27.847 26.5 2.619 3700A 1.12 34.74 27.850 26.2 2.760 3700A 1.21 34.75 27.850 26.2 2.689 3700A 0.82 34.71 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4000A 0.68 34.70 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4000A 0.68 34.70 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4000A 0.68 34.70 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4000A 0.68 34.70 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4000A 0.60 34.75 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4000A 0.68 34.70 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4000A 0.60 34.75 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4000A 0.60 34.70 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4000A 0.60 34.75 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4000A 0.60 34.76 27.855 25.5 2.997 4200A 0.42 34.68 27.855 25.8 2.760 3900A 0.28 34.68 27.853 25.9 2.920 4400A 0.26 34.67 27.846 26.6 2.856 4300A 0.28 34.68 27.855 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.954 4500A 0.28 34.68 27.854 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.954 | | | | | | | | | | | | |
| 2500A 2.90 34.67 27.812 29.7 2.299 2500A 2.76 34.84 27.801 30.8 2.226 2600A 2.84 34.86 27.826 28.5 2.305 2600A 2.69 34.85 27.815 29.5 2.272 2700A 2.61 34.86 27.822 28.8 2.318 2800A 2.64 34.87 27.832 27.9 2.441 2900A 2.61 34.85 27.832 27.832 27.9 2.441 3000A 2.43 34.86 27.832 27.832 27.9 2.441 3000A 2.27 34.86 27.832 27.832 27.9 2.441 3000A 2.27 34.86 27.832 27.832 27.9 2.441 3000A 2.27 34.80 27.836 27.3 2.407 3000A 2.12 34.80 27.836 27.3 2.407 3000A 2.17 34.80 27.836 27.5 2.570 3200A 1.93 34.80 27.839 27.2 2.534 3500A 1.75 34.78 27.841 27.0 2.650 3400A 1.93 34.80 27.839 27.2 2.534 3500A 1.57 34.76 27.846 26.6 2.688 3500A 1.59 34.77 27.847 26.5 2.614 3500A 1.50 34.75 27.846 26.6 2.688 3500A 1.50 34.77 27.847 26.5 2.614 3500A 1.30 34.75 27.846 26.6 2.288 3500A 1.50 34.77 27.852 26.0 2.725 3800A 0.95 34.72 27.855 26.6 2.795 3800A 1.50 34.77 27.852 26.0 2.725 3800A 0.95 34.72 27.855 26.6 2.795 3800A 1.50 34.70 27.856 26.2 2.689 3700A 1.21 34.75 27.852 26.0 2.725 3800A 0.95 34.72 27.855 26.6 2.795 3800A 0.96 34.70 27.846 26.6 2.828 3900A 0.86 34.67 27.847 26.5 2.994 4000A 0.26 34.67 27.847 26.5 2.994 40 | | | | | | | | | | | | |
| 2800A 2.84 34.86 27.826 28.5 2.305 2600A 2.69 34.85 27.815 29.5 2.772 2700A 2.74 34.67 27.827 27.827 27.827 27.827 27.827 27.828 2.318 27.00 2.61 34.85 27.826 28.2 2.363 2900A 2.50 34.86 27.836 27.5 2.396 2800A 2.54 34.86 27.828 27.3 2.407 3000A 2.41 34.85 27.828 27.3 2.407 3100A 2.27 34.84 27.838 26.8 2.527 3100A 2.27 34.84 27.835 27.6 2.450 3100A 2.27 34.80 27.835 27.5 2.570 3200A 1.97 34.80 27.836 27.5 2.570 3200A 1.93 34.80 27.835 27.6 2.450 3500A 1.55 34.77 27.841 27.0 2.550 34.00A 1.59 34.77 27.841 27.0 2.550 34.00A 1.59 34.77 27.841 27.0 2.550 34.00A 1.59 34.77 27.842 27.0 2.575 3500A 1.31 34.76 27.846 26.6 2.725 3500A 1.30 34.75 27.846 26.6 2.725 3600A 1.30 34.75 27.845 26.0 2.725 3600A 1.30 34.75 27.846 26.6 2.725 3600A 1.30 34.75 27.846 26.6 2.725 3600A 1.30 34.75 27.845 26.0 2.725 3600A 1.30 34.75 27.845 26.0 2.725 3600A 1.30 34.75 27.846 26.6 2.725 3600A 1.50 34.77 27.852 26.0 2.725 3600A 0.95 34.72 27.845 26.6 2.755 3600A 1.05 34.77 27.852 26.0 2.725 3600A 0.95 34.71 27.846 26.6 2.750 3700A 1.21 34.75 27.852 26.0 2.725 3800A 0.95 34.72 27.845 26.6 2.755 3800A 0.95 34.72 27.845 26.6 2.755 3800A 0.95 34.72 27.845 26.6 2.755 3800A 0.95 34.72 27.852 26.0 2.725 3800A 0.95 34.72 27.845 26.6 2.755 3800A 0.95 34.72 27.852 26.0 2.725 3800A 0.95 34.72 27.852 26.0 2.725 3800A 0.95 34.72 27.852 26.0 2.725 3800A 0.96 34.70 27.846 26.6 2.856 4300A 0.43 34.69 27.853 25.9 2.920 4100A 0.69 34.70 27.846 26.6 2.856 4300A 0.43 34.69 27.853 25.9 2.920 4100A 0.69 34.70 27.846 26.6 2.856 4300A 0.43 34.69 27.853 25.9 2.920 4100A 0.56 34.67 27.846 26.6 2.856 4300A 0.28 34.69 27.853 25.9 2.920 4100A 0.56 34.67 27.846 26.6 2.856 4300A 0.28 34.68 27.851 26.0 2.755 4200A 0.42 34.66 27.850 26.2 2.948 4300A 0.28 34.68 27.851 26.0 2.755 4200A 0.28 34.68 27.854 26.0 2.765 4200A 0.28 34.68 2 | | | | | 29.7 | 2.259 | | | | | | |
| 2700A 2.74 34.67 27.627 28.4 2.351 2700A 2.61 34.65 27.622 28.8 2.318 2800A 2.64 34.67 27.636 27.5 2.396 2800A 2.54 34.67 27.636 27.5 2.396 2800A 2.54 34.67 27.636 27.3 2.407 3000A 2.41 34.66 27.832 27.9 2.441 2900A 2.43 34.85 27.838 27.3 2.407 3000A 2.41 34.66 27.843 26.4 2.484 3000A 2.27 34.83 27.635 27.6 2.450 3100A 2.27 34.80 27.836 27.5 2.570 3200A 1.97 34.80 27.836 27.5 2.570 3200A 1.97 34.80 27.837 27.4 2.610 3300A 1.79 34.70 27.842 27.0 2.553 3400A 1.55 34.78 27.847 26.5 2.514 3500A 1.59 34.77 27.841 27.0 2.650 3400A 1.62 34.78 27.847 26.5 2.614 3500A 1.41 34.76 27.846 26.6 2.688 3500A 1.50 34.77 27.847 26.4 2.652 3600A 1.35 34.76 27.850 26.2 2.760 3700A 1.52 34.78 27.850 26.2 2.760 3700A 1.12 34.74 27.850 26.2 2.760 3700A 1.21 34.75 27.850 26.2 2.760 3700A 1.12 34.74 27.850 26.2 2.760 3700A 1.21 34.75 27.852 26.0 2.725 3800A 0.95 34.72 27.845 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.773 4000A 0.66 34.70 27.853 25.9 2.920 4000A 0.66 34.70 27.846 26.6 2.828 3900A 0.86 34.72 27.846 26.6 2.828 4000A 0.35 34.68 27.853 25.9 2.920 4000A 0.56 34.67 27.846 26.6 2.828 4000A 0.35 34.68 27.853 25.9 2.920 4000A 0.56 34.67 27.846 26.6 2.828 4000A 0.35 34.68 27.853 25.9 2.920 4000A 0.56 34.67 27.846 26.6 2.825 4400A 0.32 34.68 27.853 25.9 2.920 4000A 0.56 34.67 27.846 26.6 2.856 4300A 0.36 34.69 27.853 25.9 2.920 4000A 0.56 34.67 27.846 26.6 2.856 4300A 0.36 34.69 27.853 25.9 2.920 4000A 0.56 34.67 27.846 26.6 2.856 4300A 0.36 34.69 27.853 25.9 2.920 4000A 0.56 34.67 27.846 26.6 2.856 4300A 0.36 34.68 27.853 25.9 2.920 4000A 0.26 34.67 27.846 26.6 2.856 4300A 0.36 34.68 27.853 25.9 2.920 4000A 0.26 34.67 27.846 26.6 2.856 4300A 0.36 34.68 27.853 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.954 4500A 0.28 34.68 27.853 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.954 4500A 0.28 34.68 27.853 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.954 4500A 0.28 34.68 27.853 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.954 4500A 0.28 34.68 27.853 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.958 4500A 0.28 34.68 27.853 25.8 3.002 4400A 0.26 34.67 | | | | 27.826 | 28.5 | 2.305 | | | | | | |
| 2900A 2.50 34.85 27.832 27.9 2.441 2900A 2.43 34.85 27.835 27.63 27.53 2.407 | | | | | | 2.351 | | 2.61 | | 27.822 | | |
| 3000A 2.41 34.66 27.848 26.4 2.484 3000A 2.27 34.83 27.835 27.6 2.490 3100A 2.27 34.80 27.836 27.5 2.570 3200A 1.93 34.80 27.839 27.2 2.534 3500A 1.75 34.78 27.836 27.5 2.570 3200A 1.93 34.80 27.839 27.2 2.534 3500A 1.75 34.78 27.842 27.0 2.650 3500A 1.77 24.842 27.0 2.575 3500A 1.59 34.76 27.844 27.0 2.650 3400A 1.50 34.77 27.847 26.5 2.614 3500A 1.41 34.76 27.846 26.6 2.688 3500A 1.50 34.77 27.847 26.5 2.659 3700A 1.21 34.74 27.850 26.2 2.760 3700A 1.21 34.75 27.852 26.0 2.725 | | 2.64 | | | | 2.396 | | | | | | |
| \$100A | | 2.50 | | 27.832 | | | | | | | 27.3 | 2.407 |
| 32004 1.97 34.80 27.836 27.5 2.570 32004 1.93 34.60 27.839 27.2 2.534 25304 1.75 34.76 27.837 27.4 2.610 33004 1.79 34.79 27.847 26.5 2.614 35004 1.59 34.77 27.841 27.0 2.650 34.004 1.62 34.78 27.847 26.5 2.614 2.650 35004 1.41 34.76 27.846 26.6 2.688 35004 1.50 34.77 27.847 26.4 2.650 35004 1.30 34.75 27.846 26.6 2.725 36004 1.35 34.76 27.850 26.2 2.689 37004 1.30 34.75 27.850 26.2 2.689 37004 1.12 34.74 27.850 26.2 2.760 37004 1.21 34.75 27.852 26.0 2.725 38004 0.95 34.72 27.854 26.6 2.795 38004 0.95 34.72 27.851 26.1 2.793 40004 0.88 34.71 27.846 26.6 2.288 39004 0.86 34.72 27.854 25.8 2.760 40004 0.68 34.70 27.854 26.5 2.860 40004 0.69 34.70 27.856 26.2 2.869 40004 0.68 34.70 27.853 25.9 2.920 40004 0.69 34.70 27.846 26.6 2.825 40004 0.35 34.69 27.853 25.9 2.920 41004 0.55 34.68 27.856 26.6 2.856 40004 0.35 34.68 27.851 26.1 2.793 40004 0.32 34.68 27.851 26.0 2.975 40004 0.32 34.68 27.851 26.0 2.975 40004 0.32 34.68 27.851 26.0 2.975 40004 0.32 34.68 27.851 26.0 2.925 40004 0.32 34.68 27.855 26.2 2.942 40004 0.28 34.68 27.851 26.0 2.975 40004 0.28 34.68 27.855 26.2 2.942 40004 0.28 34.68 27.851 26.0 2.975 40004 0.28 34.68 27.851 26.0 2.975 40004 0.28 34.68 27.859 26.2 2.942 40004 0.28 34.68 27.859 26.2 2.958 | | 2.27 | | | | | | | | | | 2,450 |
| 53000 1.75 34.78 27.837 27.4 2.610 3300A 1.79 34.79 27.842 27.0 2.575 3400A 1.59 34.77 27.841 27.0 2.650 3400A 1.62 34.78 27.847 26.5 2.614 3500A 1.41 34.76 27.846 26.6 2.668 3500A 1.50 34.77 27.847 26.4 2.659 3600A 1.30 34.75 27.846 26.6 2.725 3600A 1.35 34.76 27.850 26.2 2.69 3700A 1.12 34.74 27.845 26.6 2.725 3600A 1.35 34.76 27.852 26.0 2.725 3800A 0.95 34.72 27.845 26.6 2.795 3800A 1.06 34.74 27.854 25.8 2.760 3900A 0.82 34.71 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4200A 0.68 34.70 27.846 26.5 2.886 3900A 0.86 34.69 27.846 26.2 | | | | | | 2.570 | | | | | 27.2 | 2.534 |
| 3400A 1.59 34.77 27.841 27.0 2.650 3400A 1.62 34.78 27.847 26.5 2.614 3500A 1.41 34.76 27.846 26.6 2.688 3500A 1.50 34.77 27.846 26.6 2.689 3500A 1.50 34.77 27.846 26.6 2.725 3600A 1.53 34.76 27.850 26.2 2.689 3700A 1.12 34.74 27.850 26.2 2.760 3700A 1.12 34.75 27.852 26.0 2.725 3800A 1.06 34.77 27.852 26.0 2.725 3800A 1.06 34.70 27.854 25.8 2.760 3900A 0.82 34.71 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4000A 0.68 34.70 27.846 26.5 2.880 4000A 0.69 34.70 27.846 26.6 2.825 4200A 0.43 34.69 27.853 25.9 2.920 4100A 0.69 34.70 27.846 26.6 2.825 4300A 0.36 34.69 27.853 25.9 2.920 4100A 0.69 34.68 27.854 26.6 2.825 4400A 0.32 34.68 27.851 26.1 2.793 3400A 0.36 34.69 27.853 25.9 2.920 4100A 0.43 34.69 27.856 26.6 2.826 4400A 0.32 34.68 27.851 26.0 2.975 4200A 0.32 34.68 27.851 26.0 2.975 4300A 0.34 34.68 27.850 26.2 2.914 4500A 0.28 34.68 27.851 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.942 4500A 0.28 34.68 27.854 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.942 4500A 0.28 34.68 27.854 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.942 4500A 0.28 34.68 27.855 25.8 3.002 4400A 0.26 34.67 27.849 26.2 2.9584 4500A 0.28 34.68 27.855 25.8 3.002 4400A 0.26 34.67 27.849 26.2 2.9584 4500A 0.21 34.66 27.859 26.2 2.9584 4500A 0.27 34.68 27.859 26.2 2.9584 4500A 0.28 34.68 27.859 26.2 2.9584 4500A 0.27 34.68 27.859 26.2 2.9584 4500A 0.28 34.68 27.859 26.2 2.9584 4500A 0.27 34.68 27.859 26.2 2.9584 4500A 0.28 34.68 27.859 26.2 2.9584 4500A 0.27 34.68 27.859 26.2 2.9584 4500A 0.28 34.68 27.859 26.2 2.9584 4500A 0.27 34.68 27.859 26.2 2.9584 4500A 0.28 34.68 27.859 26.2 2.9584 4500A 0.27 34.68 27.859 26.2 2.9584 4500A 0.28 34.68 27.859 26.2 2.9584 4500A 0.27 34.68 27.859 26.2 2.9584 4500A 0.28 34.68 27.859 26.2 2.9584 4500A 0.27 34.68 27.859 26.2 2.9584 4500A 0.28 34.68 27.859 26 | | 1.75 | 34.78 | 27.837 | 27.4 | 2.610 | | | 34.79 | | 27.0 | 2.575 |
| 35000A 1.30 34.75 27.846 26.6 2.725 3600A 1.35 34.76 27.850 26.2 2.689 3700A 1.12 34.74 27.850 26.2 2.760 3700A 1.21 34.75 27.852 26.0 2.725 3800A 0.95 34.72 27.845 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4000A 0.68 34.71 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4200A 0.43 34.69 27.853 25.9 2.920 4100A 0.56 34.69 27.846 26.6 2.886 4500A 0.43 34.69 27.853 25.9 2.920 4100A 0.56 34.69 27.846 26.6 2.886 4500A 0.34 34.69 27.857 25.5 2.947 4200A 0.42 34.68 27.846 26.6 2.886 | | | | | | | | | | | | |
| 3700A 1.12 34.74 27.850 26.2 2.760 3700A 1.21 34.75 27.852 26.0 2.725 3800A 0.95 34.72 27.854 25.8 2.760 3900A 0.82 34.71 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4000A 0.66 34.70 27.854 25.8 2.760 4000A 0.66 34.70 27.853 25.9 2.920 4000A 0.69 34.70 27.846 26.6 2.825 4300A 0.36 34.69 27.853 25.9 2.920 4100A 0.55 34.69 27.846 26.6 2.825 4300A 0.36 34.69 27.857 25.5 2.947 4200A 0.42 34.68 27.856 26.6 2.856 4400A 0.32 34.68 27.851 26.0 2.975 4300A 0.34 34.68 27.850 26.2 2.914 4500A 0.28 34.68 27.854 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.942 4558A 0.28 34.68 27.854 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.942 4558A 0.28 34.68 27.854 25.8 3.017 4500A 0.21 34.67 27.849 26.2 2.958 | | | 34.76 | | | | | | | | | |
| 3800A 0.95 34.72 27.845 26.6 2.795 3800A 1.06 34.74 27.854 25.8 2.760 3900A 0.82 34.71 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4000A 0.68 34.70 27.846 26.6 2.828 4000A 0.68 34.70 27.846 26.6 2.825 4200A 0.43 34.69 27.853 25.9 2.920 4100A 0.56 34.69 27.846 26.6 2.825 4300A 0.36 34.69 27.851 25.5 2.947 4200A 0.42 34.68 27.854 26.6 2.856 4400A 0.32 34.68 27.851 26.0 2.975 4200A 0.34 34.68 27.850 26.2 2.914 4500A 0.28 34.68 27.851 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.942 4558A 0.28 34.68 27.854 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.942 4558A 0.28 34.68 27.854 25.8 3.007 4500A 0.21 34.67 27.849 26.2 2.958 | | | 34.74 | | | | | | | | | |
| 3900A 0.82 34.71 27.846 26.6 2.828 3900A 0.86 34.72 27.851 26.1 2.793 4000A 0.68 34.70 27.846 26.5 2.860 4000A 0.69 34.70 27.846 26.6 2.825 4000A 0.43 34.69 27.853 25.9 2.920 4100A 0.56 34.69 27.846 26.6 2.856 4300A 0.36 34.69 27.857 25.5 2.947 4200A 0.42 34.68 27.846 26.6 2.886 400A 0.32 34.68 27.851 26.0 2.975 4300A 0.34 34.68 27.850 26.2 2.914 4500A 0.28 34.68 27.854 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.942 4558A 0.28 34.68 27.854 25.8 3.017 4500A 0.21 34.67 27.849 26.2 2.958 4500A 0.28 34.68 27.854 25.8 3.017 4500A 0.21 34.67 27.849 26.2 2.958 | | | | | | | | | | | | |
| 4000A 0.68 34.70 27.646 26.5 2.860 4000A 0.69 34.70 27.846 26.6 2.825 4200A 0.43 34.69 27.857 25.9 2.920 4100A 0.56 34.69 27.846 26.6 2.856 4300A 0.36 34.69 27.857 25.5 2.947 4200A 0.42 34.68 27.846 26.6 2.856 4400A 0.32 34.68 27.851 26.0 2.975 4300A 0.34 34.68 27.850 26.2 2.514 4500A 0.28 34.68 27.854 25.8 3.002 4400A 0.26 34.67 27.849 26.2 2.918 4508A 0.28 34.68 27.854 25.8 3.017 4500A 0.21 34.67 27.849 26.2 2.968 4600A 0.17 34.667 27.849 26.2 2.958 | | 0.82 | 34.71 | 27.846 | | | | | | | | |
| 4200A 0.43 34.69 27.853 25.9 2.920 4100A 0.56 34.69 27.846 26.6 2.856 4300A 0.34 34.69 27.857 25.5 2.947 4200A 0.42 34.68 27.856 26.6 2.856 4400A 0.32 34.68 27.851 26.0 2.975 4300A 0.34 34.68 27.850 26.2 2.914 4500A 0.28 34.68 27.854 25.8 3.017 4500A 0.21 34.67 27.849 26.2 2.968 4500A 0.21 34.67 27.849 26.2 2.968 4600A 0.17 34.66 27.844 26.8 2.995 | | | 34.70 | | 26.5 | 2.860 | 4000A | | 34.70 | 27.846 | 26.6 | 2.825 |
| 44004 0.32 34.68 27.851 26.0 2.975 4300A 0.34 34.68 27.850 26.2 2.914 4500A 0.28 34.68 27.854 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.942 4558A 0.28 34.68 27.854 25.8 3.017 4500A 0.21 34.67 27.849 26.2 2.968 4600A 0.17 34.66 27.849 26.2 2.958 | | | | | 25.9 | 2.920 | | | | | 26.6 | 2.856 |
| 4500A 0.28 34.68 27.854 25.8 3.002 4400A 0.26 34.67 27.847 26.5 2.942 4558A 0.28 34.68 27.854 25.8 3.017 4500A 0.21 34.67 27.849 26.2 2.968 4600A 0.17 34.66 27.844 26.8 2.995 | | | 34.69 | | | | | | | | | |
| 45584 0.28 34.68 27.854 25.8 3.017 4500A 0.21 34.67 27.849 26.2 2.968 4600A 0.17 34.66 27.844 26.8 2.995 | | | | | | | | | | | | 2.914 |
| 4600A 0.17 34.66 27.844 26.8 2.995 | | | | | | | | | | | | |
| 4693A 0.13 34.65 27.838 27.3 3.019 | | | | | 1 1 1 Y | | | 0.17 | 34.66 | 27.844 | 26.8 | 2,995 |
| | | | | | | | 4693A | 0.13 | 34.65 | 27.838 | 27.3 | 3.019 |

| | | RV | MELVILL | 3. | | | CATO | EXPEDITE | ON VI | | | | | | |
|-------|---------|--------|---------|------|-------|-----------|-------|----------|-------|--------|---------|--------|-----------|-------|--|
| | LATITUD | | GITUDE | | AY/YR | MESSENGER | | BOTTOM | WIND | SPEED | WEATHER | | ANT WAVES | | |
| | 40 25.0 | 5 39 | 27.1W | 12/ | 5/72 | 0844 1130 | GMT | 5172M | 030 | 5KT | 2 | 11 | 0 3 8 | | |
| Z | T | S | 0.5 | P04 | \$103 | NO2 NO3 | DT | Z | T | s | 02 | SIGT | DT | DD | |
| 0 | 13.49 | 34.572 | 6.41 | 0.60 | 1.1 | 5.6 | 203.4 | 0 | 13.49 | 34.572 | 6.41 | 25,981 | 203.4 | 0.000 | |
| 21 | 11.70 | 34.586 | 6.61 | 0.53 | 0.9 | 5.4 | 169.0 | 10 | 12.55 | 34.576 | 6.51 | 26,212 | 181.5 | 0.019 | |
| 31 | 11.67 | 34,591 | 6.56 | 0.57 | 0.9 | 5.9 | 168.0 | 20 | 11.73 | 34.586 | 6,60 | 26.337 | 169.6 | 0.037 | |
| 63 | 12.19 | 34.954 | 5,93 | 0.60 | 2.2 | 7,5 | | | 11.67 | 34.592 | 6.57 | 26.352 | 168,1 | 0.054 | |
| 95 | 11.73 | 34,992 | 5.88 | 0.72 | 2.8 | 9.1 | | | 11.98 | 34.794 | 6.19 | 26,452 | 158.7 | 0.087 | |
| 126 | 11.21 | 34.913 | 5,69 | 0.84 | 3.2 | 11.1 | | | 12.08 | 34.994 | 5.91 | 26.588 | 145.7 | 0.125 | |
| 158 | 10.54 | 34.84 | 5.55 | 0.98 | 4.0 | 12.9 | | | 11.65 | 34.983 | 5.85 | 26.660 | 138.9 | 0.161 | |
| 207 | 9.47 | 34.700 | 5,61 | 1.14 | 5.2 | 15.3 | | | 11.23 | 34.916 | 5.70 | 26.688 | 136.3 | 0.196 | |
| 262 | 7.89 | 34,482 | 5.70 | 1.33 | 6.5 | 19.0 | | | 10.71 | 34.858 | 5.58 | 26.736 | 131.7 | 0.231 | |
| 313 | 6.84 | 34.38 | 5,68 | 1.49 | 8.4 | 21.1 | | | 9.63 | 34.723 | 5.60 | 26.817 | 124.0 | 0.297 | |
| 364 | 6.03 | 34.322 | 5.77 | 1.63 | 9.9 | 22.6 | | | 8.23 | 34.527 | 5.68 | 26.888 | 117.3 | 0.359 | |
| 4140 | 4.92 | 34.224 | 6,06 | 1.71 | 11.9 | 24.7 | | | 7.08 | 34.400 | 5.68 | 26.957 | 110.8 | 0.418 | |
| 517A | 4.38 | 34.212 | 6.19 | 1.80 | 14.2 | 25.5 | | | 5.22 | 34,250 | 5.98 | 27.077 | 99.4 | 0.528 | |
| 620A | 4.01 | 34.218 | 5.89 | 1.83 | 20.0 | 26.3 | | 500 | 4.47 | 34.219 | 6.17 | 27.137 | 93.7 | 0.630 | |
| 723A | 3.48 | 34.216 | 5.79 | 2.03 | 25.0 | 28.4 | 84.2 | 600 | 4.08 | 34.218 | 5.96 | 27.178 | 89.9 | 0.726 | |
| 8264 | 3.22 | 34.251 | 5.46 | 2.06 | 32.3 | 30.9 | | | 3.59 | 34.216 | 5.81 | 27.226 | 85.3 | 0.820 | |
| 10324 | 2.83 | 34.341 | 4.88 | 2.25 | 45.8 | 32.2 | | | 3.27 | 34.241 | 5.55 | 27.277 | 80.5 | 0.908 | |
| 1237A | 2.54 | 34.435 | 4.55 | 2.34 | 59.5 | 35,8 | | | 2.88 | 34.327 | 4.96 | 27.380 | 70.6 | 1.071 | |
| 14424 | 2.54 | 34.537 | 4.29 | 2.30 | 67.0 | 33.4 | | | 2.58 | 34.418 | 4.60 | 27,480 | 61.2 | 1.216 | |
| 16464 | 2.60 | 34.631 | 4.28 | 2.22 | 69.4 | 31.4 | | | 2.56 | 34.567 | 4.29 | 27.600 | 49.9 | 1.406 | |
| 1952A | 2.63 | 54.736 | 4.53 | 2.03 | 67.2 | 29.1 | | | 2.61 | 34.672 | 4.34 | 27.679 | 42.4 | 1.545 | |
| 2258A | 2.58 | 34.801 | 4.88 | 1.86 | 63.8 | 27.4 | | | 2.63 | 34.750 | 4.59 | 27.741 | 36.5 | 1,672 | |
| 2462A | 2.49 | 34,813 | 5.01 | 1.83 | 63.9 | 26.6 | | | 2.58 | 34.800 | 4.87 | 27.785 | 32.3 | 1.790 | |
| 2666A | 2.28 | 34.804 | 4.98 | 1.87 | 70.9 | 27.4 | | | 2.46 | 34.812 | 5.00 | 27.805 | 30.4 | 1.903 | |
| 2972A | 1.91 | 34.777 | 4.88 | 1.96 | 83.9 | 28.5 | | | 2.18 | 34.797 | 4.95 | 27.816 | 29.3 | 2.012 | |
| 3382A | 1.339 | 34.736 | 4.88 | 2.10 | 146.5 | 29.6 | | | 1.87 | 34.774 | 4.88 | 27.823 | 28.8 | 2.118 | |
| 3792A | 0.908 | 34.712 | 4.90 | 2.18 | 117.6 | 31.0 | | | 1,52 | 34.749 | 4.88 | 27.828 | 28.2 | 2.218 | |
| 4204A | 0.456 | 34.689 | 5.01 | 2.24 | 126.2 | 32.3 | | | 1.21 | 34.729 | 4.89 | 27.834 | 27.6 | 2.312 | |
| 4618A | 0.236 | 34.675 | 5.22 | 2.27 | 126.9 | 31.9 | | | 0.95 | 34.715 | 4.90 | 27.840 | 27.1 | 2.400 | |
| 5034A | 0.194 | 34.671 | 5.22 | 2.27 | 132.9 | 32.7 | | | 0.67 | 34.700 | 4.94 | 27.846 | 26.5 | 2.482 | |
| 5139A | 0.188 | 34.672 | 5.23 | | 130.3 | 32.5 | | | 0.42 | 34.687 | 5.04 | 27.851 | 26.1 | 2.556 | |
| | | | | | | | | 4500 | 0.28 | 34.678 | 5.17 | 27.852 | 26.0 | 2,626 | |
| | | | | | | | | 4750 | 0.22 | 34.674 | 5.22 | 27.852 | 26.0 | 2,692 | |
| | | | | | | | | 5000 | 0.20 | 34.672 | 5.22 | 27.851 | 26.1 | 2.757 | |
| | | | | | | | | 0000 | | 3 | | | | | |

0.16

34.671

2.660

| | LATITUDE | | ITUDE | | AY/YR | | ENGER | | POTTOM | WIND | SPEED | WEATHER | COMIN | ANT WAVES | |
|-------|----------|--------|-------|------|-------|------|-------|-------|--------|-------|--------|---------|--------|-----------|-------|
| | 41 28,65 | 41 | 52.3W | 12/ | 6/72 | 0119 | 0416 | GMT | 5164M | 070 | 10KT | 1 | 31 | 0 7 | |
| Z | T | s | 02 | P04 | \$103 | N02 | NO5 | 01 | Z | T | s | 02 | SIGT | DT | DD |
| 0 | 12.81 | 34.516 | 6.45 | 0.62 | 1.5 | | 7.5 | 194.5 | 0 | 12.81 | 34.516 | 6.45 | 26.075 | 194.5 | 0.000 |
| 21 | 10.58 | 34,490 | 6.67 | 0.68 | 1.2 | | 7.9 | 156.7 | 10 | 11.56 | 34.497 | 6.58 | 26,500 | 173.1 | 0.018 |
| 42 | 9,82 | 34.471 | 6.70 | 0.73 | 1.0 | | 9.0 | 145.6 | 20 | 10.65 | 34.491 | 6.66 | 26,461 | 157.9 | 0.035 |
| 63 | 9.52 | 34.484 | 6.67 | 0.78 | 1.3 | | 9.8 | 139.9 | 36 | 10.14 | 34.482 | 6.68 | 26.544 | 150.0 | 0.050 |
| 95 | 8.82 | 34.509 | 6.52 | 0.89 | 2.2 | | 11.1 | 127.3 | 50 | 9.69 | 34.475 | 6.70 | 26,615 | 143.3 | 0.080 |
| 116 | 8,28 | 34,487 | 6,32 | 1.01 | 3.8 | | 14.2 | 121.0 | 75 | 9.28 | 34.498 | 6.65 | 26,699 | 135.2 | 0.115 |
| 147 | 7.98 | 34,519 | 6.32 | 1.08 | 4.7 | | 15.4 | 114.3 | 100 | 8.68 | 34.504 | 6.47 | 26,800 | 125.6 | 0.148 |
| 189 | 7.30 | 34.479 | 5.98 | 1.32 | 6.3 | | 19.0 | 107.9 | 125 | 8.17 | 34.496 | 6.32 | 26.073 | 118.8 | 0.179 |
| 210 | 6.79 | 34.419 | 6.00 | 1.40 | 7.3 | | 21.0 | 105.6 | 150 | 7.94 | 34.520 | 6.29 | 26,926 | 113.7 | 0.209 |
| 262 | 5.32 | 34.256 | 6.06 | 1.63 | 9.9 | | 24.8 | 100.0 | 200 | 7.04 | 34.450 | 5.99 | 27,001 | 106.7 | 0.265 |
| 314 | 4.66 | 34.202 | 6.20 | 1.72 | 11.6 | | 25.5 | 96.9 | 250 | 5.64 | 34.289 | 6.04 | 27.058 | 101.2 | 0.319 |
| 417 | 4.07 | 34.194 | 6,12 | 1.82 | 16.3 | | 27.5 | 91.5 | 300 | 4.79 | 34.211 | 6.16 | 27.096 | 97.6 | 0.370 |
| 520 | 3.58 | 34.186 | 6.19 | 1.90 | 20.4 | | 29.0 | 87.4 | 400 | 4.15 | 34.192 | 6.13 | 27.152 | 92.3 | 0.469 |
| 610A | 3.21 | 34.203 | 5.77 | 2.02 | 26.4 | | 31.2 | 82.8 | 500 | 3.67 | 34.187 | 6.18 | 27,196 | 88.2 | 0.563 |
| 622 | 3,18 | 34.207 | 5.76 | 1.99 | 27.0 | | 30.4 | 82.2 | 600 | 3.24 | 34.200 | 5.81 | 21.247 | 83.3 | 0.653 |
| 713A | 2.92 | 34.245 | 5.45 | 2.15 | 54.3 | | 32.6 | 77.1 | 700 | 2.96 | 34.239 | 5.51 | 27.504 | 77.8 | 0.738 |
| 8164 | 2.78 | 34.299 | 5.01 | 2.12 | 41.6 | | 32.7 | 71.8 | 800 | 2.80 | 34.291 | 5.07 | 27.360 | 72.6 | 0.817 |
| 919A | 2.63 | 34.350 | 4.89 | 2.28 | 49.7 | | 32.5 | 66.7 | 1000 | 2.55 | 34.392 | 4.78 | 27.461 | 63.0 | 0.963 |
| 1022A | 2.54 | 34.403 | 4.74 | 2.23 | 56.0 | | 35.5 | 62.0 | 1200 | 2.53 | 34.517 | 4.37 | 27.563 | 53.4 | 1.092 |
| 1228A | 2.53 | 34.533 | 4.32 | 2.26 | 66.8 | | 34.6 | 52.1 | 1500 | 2.57 | 34.654 | 4.33 | 27.669 | 43.3 | 1.261 |
| 1433A | 2.56 | 34.622 | 4.25 | 2.22 | 69.7 | | 33.5 | 45.6 | 1750 | 2.58 | 34.743 | 4.59 | 27.739 | 36.7 | 1.385 |
| 1741A | 2.59 | 34.742 | 4.60 | 1.99 | 68.9 | | 30.8 | 36.8 | 2000 | 2.28 | 34.730 | 4.46 | 27.754 | 35.3 | 1.501 |
| 2048A | 2.24 | 34.726 | 4.44 | 2.09 | 81.8 | | 31.5 | 35.2 | 2250 | 2.43 | 34.780 | 4.75 | 27.782 | 32.6 | 1.615 |
| 2253A | 2.43 | 34.781 | 4.76 | 1.90 | 70.8 | | 28.9 | 32.5 | 2500 | 2.40 | 34.821 | 5.05 | 27.817 | 29.3 | 1.725 |
| 2458A | 2.44 | 34.821 | 5.05 | 1.78 | 62.8 | | 27.5 | 29.6 | 2750 | 2.04 | 34.791 | 4.96 | 27.823 | 28.7 | 1.831 |
| 2662A | 2.19 | 34.805 | 5.04 | 1.82 | 72.2 | | 28.0 | 28.8 | 3000 | 1.60 | 34.753 | 4.82 | 27.826 | 28.4 | 1.931 |
| 2970A | 1.64 | 34.756 | 4.80 | 2.03 | 94.4 | | 31.0 | 28.5 | 3250 | 1.28 | 34.732 | 4.96 | 27.832 | 27.9 | 2.026 |
| 3277A | 1.25 | 34.730 | 4.98 | 2.11 | 109.6 | | 32.2 | 27.8 | 3500 | 1.04 | 34.718 | 4.86 | 27.837 | 27.4 | 2.115 |
| 3585A | 0.96 | 34.713 | 4.81 | 2.15 | 115.2 | | 32.0 | 27.2 | 3750 | 0.77 | 34.704 | 4.91 | 27.844 | 26.7 | 2,199 |
| 3996A | 0.502 | 34.692 | 5,10 | 2.21 | 125.4 | | 32.4 | 26.1 | 4000 | 0.50 | 34.692 | 5.10 | 27.651 | 26.1 | 2.275 |
| 4202A | 0.334 | 34,680 | 5.15 | 2.22 | 126.8 | | 33.2 | 26.1 | 4250 | 0.51 | 34.679 | 5.16 | 27.851 | 26.1 | 2.346 |
| 4512A | 0.221 | 34.674 | 5.22 | 2.25 | 151.5 | | 32.5 | 26.0 | 4500 | 0.22 | 34.675 | 5.22 | 27.852 | 26.0 | 2.413 |
| 5031A | 0.140 | 34.668 | 5.28 | 2.26 | 130.4 | | 27.6 | 26.0 | 4750 | 0.17 | 34.671 | 5.26 | 27.852 | 26.0 | 2.478 |
| 5135A | 0.138 | 34,670 | 5.28 | 2.26 | 131.9 | | 24.7 | 25.9 | 5000 | 0.14 | 34.669 | 5.28 | 27.852 | 26.0 | 2.542 |

0.16

34.65

27.836

| | | KV | MELVILL | Ε | | | | CATO | EXPEDITIO | ON VI | | | | | |
|-------|----------|--------|----------------|-------|-------|-----|---------------|--------|-----------------|-------------|--------|-----------|--------|-----------|-------|
| | 40 10.25 | | 1100E 10.0W | 12/ | AY/YR | | ENGER 2329 | | BOTTOM 5135M | WINU 090 | SPFED | WEATHER 2 | COKIN: | ANY WAVES | |
| Z | T | s | 02 | P04 | 5103 | N02 | NO3 | DY | Z | 1 | 5 | 02 | 5161 | DT | un |
| 0 | 16.47 | 35,680 | 5.76 | 0.15 | 1.4 | | 0.0 | 184.6 | 0 | 16.47 | 35,680 | 5.76 | 26,179 | 184.6 | 0.000 |
| 21 | 16.48 | 35,681 | 5.77 | 0.12 | 1.3 | | 0.0 | 184.7 | 10 | 16.47 | 35.680 | 5.76 | 26,178 | 184.7 | 0.018 |
| 31 | 16.47 | 35.677 | 5.79 | 0.13 | 1.5 | | 0.0 | 184.8 | 20 | 16.48 | 35,680 | 5.77 | 26.177 | 184.7 | 0.037 |
| 41 | 16.48 | 35.679 | 5.80 | 0.14 | 1.3 | | 0.0 | 184.9 | 30 | 16.47 | 35,676 | 5.79 | 26,176 | 184.8 | 0.056 |
| 73 | 16.48 | 35.834 | 5.16 | 0.23 | 1.4 | | 1.5 | 173.6 | 50 | 16.48 | 35,713 | 5.62 | 26,202 | 182.4 | 0.093 |
| 104 | 15.76 | 35,708 | 5.57 | 0.30 | 1.7 | | 1.7 | 167.0 | 75 | 16.44 | 35.827 | 5.18 | 26,299 | 173.1 | 0.137 |
| 135 | 15.35 | 35,686 | 5.64 | 0.30 | 1.8 | | 2.8 | 159.R | 100 | 15.86 | 35.728 | 5.50 | 26.356 | 167.7 | 0.181 |
| 176 | 14.84 | 35,607 | 5.46 | 0.37 | 1.9 | | 5.8 | 154.8 | 125 | 15.46 | 35.688 | 5.62 | 26.417 | 162.0 | 0.223 |
| 228 | 14.49 | 35,582 | 5.41 | 0.46 | 2.5 | | 5.4 | 149.4 | 150 | 15.15 | 35,656 | 5,58 | 26,463 | 157.6 | 0.264 |
| 290 | 13.37 | 35,368 | 5.66 | 0.51 | 2.4 | | 6.2 | 142.7 | 200 | 14.69 | 35.599 | 5.44 | 26,519 | 152.3 | 0.344 |
| 363 | 11.68 | 35,055 | 4.90 | 0.94 | 4.8 | | 15.4 | 134.1 | 250 | 14.15 | 35,520 | 5.53 | 26,574 | 147.1 | 0.422 |
| 466 | 9.01 | 34.690 | 4.96 | 1.30 | 8.5 | | 19.3 | 116.7 | 300 | 13.16 | 35.325 | 5.57 | 26.632 | 141.6 | 0.498 |
| 569 | 6.33 | 34,381 | 5.51 | 1.58 | 11.6 | | 23.4 | 102.6 | 400 | 10.74 | 34.914 | 4.92 | 26.775 | 128.0 | 0.642 |
| 672 | 5.11 | 34.280 | 5.82 | 1.71 | 14.3 | | 24.8 | 95.9 | 500 | 8.05 | 34.570 | 5.13 | 26,949 | 111.5 | 0.771 |
| 699A | 4.70 | 34.250 | 5.92 | 1.72 | 15.0 | | 18.6 | 93.7 | 600 | 5.91 | 34.345 | 5.61 | 27.068 | 100.4 | 0.885 |
| 775 | 4.58 | 34.277 | 5.62 | 1.82 | 19.3 | | 27.8 | 90.4 | 700 | 4.70 | 34.251 | 5.92 | 27.138 | 93.7 | 0.990 |
| 802A | 4.11 | 34.244 | 5.74 | 1.89 | 20.5 | | 25.7 | 88.1 | 800 | 4.15 | 34.248 | 5.73 | 27,195 | 88.3 | 1.088 |
| 877 | 3.91 | 34.249 | 5.65 | 1.94 | 23.8 | | 28.9 | 85.8 | 1000 | 3.58 | 34.278 | 5.29 | 27,295 | 78.8 | 1.270 |
| 905A | 3.67 | 34.247 | 5.55 | 1.88 | 26.5 | | 28.4 | 83.6 | 1200 | 3.00 | 34.371 | 4.80 | 27.405 | 68.3 | 1.432 |
| 10084 | 3.38 | 34.281 | 5.27 | 1.610 | 33.5 | | 30.3 | 78.4 | 1500 | 2.75 | 34.524 | 4.39 | 27.549 | 54.7 | 1.642 |
| 1111A | 3.20 | 34,338 | 4.97 | 1.600 | 39.7 | | 32.5 | 72.5 | 1750 | 2.78 | 34.647 | 4.40 | 27.645 | 45.6 | 1.792 |
| 1315A | 2.79 | 34.413 | 4.64 | 2.22 | 53.2 | | 33.2 | 63.3 | 2000 | 2.95 | 34.762 | 4.71 | 27.724 | 38.1 | 1.928 |
| 15194 | 2.75 | 34.534 | 4.37 | 2.23 | 60.7 | | 33.2 | 53.8 | 2250 | 3.00 | 34.839 | 5.16 | 27.779 | 32.9 | 2.053 |
| 1826A | 2.79 | 34.678 | 4.41 | 2.08 | 63.5 | | 31.5 | 43.3 | 2500 | 2.73 | 34.847 | 5.11 | 27.810 | 30.0 | 2.171 |
| 2133A | 3.02 | 34.816 | 4.98 | 1.74 | 50.4 | | 26.5 | 34.9 | 2750 | 2.49 | 34.833 | 5.10 | 27.820 | 28.9 | 2.284 |
| 2337A | 2.98 | 34.853 | 5.24 | 1.63 | 47.5 | | 24.5 | 31.7 | 3000 | 2.16 | 34.805 | 5.00 | 27.825 | 28.6 | 2.394 |
| 2541A | 2.66 | 34.844 | 5.07 | 1.71 | 58.1 | | 26.8 | 29.7 | 3250 | 1,77 | 34.775 | 4.91 | 27,831 | 27.9 | 2.499 |
| 2848A | 2.41 | 34.829 | 5.12 | 1.70 | 63.8 | | 26.2 | 28.A | 3500 | 1.45 | 34.757 | 4.98 | 27.841 | 27.0 | 2.597 |
| 3155A | 1.89 | 34,781 | 4.89 | 1.94 | 85.9 | | 29.2 | 28.4 | 3750 | 1.03 | 34.724 | 4.94 | 27.843 | 26.9 | 2.688 |
| 3462A | 1.51 | 34.763 | 4.98 | 1.98 | 96.1 | | 30.3 | 27.0 | 4000 | 0.67 | 34.701 | 4.99 | 27.847 | 26.5 | 2.770 |
| 3770A | 1.00 | 34.721 | 4.94 | 2.09 | 112.5 | | 29.1 | 26.9 | 4250 | 0.40 | 34.685 | 5.08 | 27.851 | 26.1 | 2.845 |
| 4080A | 0.576 | 34,695 | 5.02 | 2.18 | 124.1 | | 29.4 | U 26.3 | 4500 | 0.25 | 34.676 | 5.18 | 27.853 | 25.9 | 2.913 |
| 4391A | 0.284 | 34.679 | 5.13 | 2.20 | 126.7 | | 33.7 | 25.9 | 4750 | 0.17 | 34.674 | 5.24 | 27.854 | 25.8 | 2.978 |
| 4704A | 0.165 | 34.673 | 5.25 | 2.22 | 130.6 | | 32.9 | 25.A | 5000 | 0.17 | 34.675 | 5.21 | 27,855 | 25.7 | 3.041 |
| 5020A | 0.171 | 34.674 | 5.21 | 2.23 | 132.6 | | 33.0 | 25.7 | | | | | | | |
| 51254 | | 34.675 | 5.23 | | 130.5 | | 33.0 | 25.7 | | | | | | | |

| | | RV | MELVILL | E | | | | CATO | EXPEDITION | V V1 | | | | | |
|-------|---------|--------|---------|-------|-------|------|-------|-------|------------|-------|--------|---------|--------|----------|-------|
| | ATITUE | E LONG | STUDE | MO/0 | AY/YR | MESS | ENGER | TIME | BOTTOM | WIND | SPEED | WEATHER | DUMIN | ANT WAVE | c |
| | 38 40.4 | | 15.8W | 12/ | | | 1545 | GMT | 5146M | 080 | 25KT | 2 | | 0 10 6 | |
| Z | т | s | 02 | P04 | S103 | NO2 | NO3 | ET | 2 | Т | S | 02 | SIGT | DT | DD |
| 0 | 18.53 | 35.753 | 5.50 | 0.14 | 1.3 | | 0.0 | 226.9 | 0 | 18.53 | 35.753 | 5.50 | 25.733 | 226.9 | 0.000 |
| 41 | 18.29 | 35,751 | 5.48 | 0.13 | 1.1 | | 0.0 | 221.3 | 10 | 18.47 | 35.751 | 5.50 | 25.748 | 225.5 | 0.023 |
| 72 | 17.34 | 35,850 | 5.55 | 0.13 | 1.2 | | 0.0 | 191.9 | 20 | 18.41 | 35.751 | 5.49 | 25.762 | 224.2 | 0.045 |
| 103 | 16.26 | 35.736 | 5.43 | 0.24 | 1.7 | | 1.7 | 175.9 | 30 | 18.55 | 35.750 | 5.49 | 25.176 | 222.8 | 0.068 |
| 134 | 15,63 | 35,707 | 5.22 | 0.36 | 1.7 | | 4.0 | 164.2 | | 18.05 | 35.785 | 5.51 | 25.877 | 213.2 | 0.111 |
| 165 | 15.20 | 35,652 | 5.19 | 0.42 | 1.8 | | 4.7 | 159.1 | 75 | 17.23 | 35.840 | 5.54 | 26.122 | 190.0 | 0.162 |
| 206 | 14.92 | 35,634 | 5.29 | 0.44 | 2.0 | | 5.1 | 154.5 | 100 | 16.56 | 35.749 | 5.45 | 26.258 | 177.0 | 0.209 |
| 257 | 14.62 | 35,607 | 5.43 | 0.45 | 1.9 | | 5,3 | 150.3 | 125 | 15.78 | 35.712 | 5.28 | 26.363 | 167.1 | 0.253 |
| 308 | 13.73 | 35,414 | 5.57 | 0.64 | 2.5 | | 8.0 | 146.4 | 150 | 15.38 | 35.677 | 5.20 | 26.426 | 161.1 | 0.255 |
| 411 | 9,90 | 34.776 | 5.09 | 1.04 | 5.0 | | 14.7 | 124.3 | 200 | 14.95 | 35.634 | | 26.489 | | |
| 513 | 7.06 | 34.452 | 5.34 | 1.56 | | | 22.2 | 106.7 | 250 | 14.68 | 35.615 | 5.27 | | 155.1 | 0.377 |
| 616 | 5.11 | 34.237 | 6.19 | 1.68 | 10.0 | | 24.5 | 99.1 | 300 | 13.91 | 35.452 | 5.41 | 26,535 | 150.8 | 0.457 |
| 715A | | 34.226 | 6.19 | 1.78 | | | | | 400 | | | | | | 0.535 |
| 718 | 4,45 | 34.218 | 6.14 | | 14.9 | | 23.20 | | | 10.35 | 34.839 | 5.15 | 26.785 | 127.1 | 0.681 |
| 8184 | | 34,210 | 5.95 | 1.77 | 14.7 | | 26.2 | 93.5 | 500 | 7.57 | 34.483 | 5.31 | 26,981 | 108.5 | 0.807 |
| 9214 | | 34,232 | 5.67 | | 17.3 | | 24.11 | | 600 | 5.54 | 34.262 | 6.07 | 27.072 | 99.9 | 0.919 |
| 1024A | | 34.232 | | 1.92 | 26.5 | | 28.2 | 83.6 | 700 | 4.65 | 34.245 | 6.19 | 27.139 | 94.0 | 1.023 |
| 1126A | | | 5.28 | 2.160 | | | 30.8 | 77.9 | 800 | 4.02 | 34.197 | 5.98 | 27.168 | 90.7 | 1.122 |
| | | 34.336 | 4.97 | 2.14 | 41.6 | | 33,2 | 71.6 | 1000 | 3.56 | 34.267 | 5.37 | 27.289 | 79.3 | 1.306 |
| 13244 | | 34.427 | 4.54 | 2.29 | 55.2 | | 34.1 | 61.7 | 1200 | 2.92 | 34.371 | 4.78 | 27.413 | 67.6 | 1.468 |
| 1536A | | 34.547 | 4.34 | 2.29 | 60.7 | | 34.2 | 52.5 | 1500 | 2.71 | 34.529 | 4.36 | 27.557 | 53.9 | 1.675 |
| 18414 | | 34.671 | 4.39 | 2.20 | 64.8 | | 32.4 | 43.2 | 1750 | 2.72 | 34.639 | 4.38 | 27.644 | 45.7 | 1.824 |
| 2147A | | 34.786 | 4.P1 | 1.87 | 58.8 | | 28.2 | 35,3 | 2000 | 2.77 | 34.736 | 4.59 | 27.717 | 38.8 | 1.959 |
| 2352A | | 34.829 | 5.07 | 1.76 | 53.8 | | 26.2 | 31.9 | 2250 | 2.80 | 34.810 | 4.95 | 27.774 | 33.4 | 2.084 |
| 2555A | | 34.851 | 5.23 | 1.69 | 51.8 | | 25.3 | 29.7 | 2500 | 2.76 | 34.848 | 5.20 | 27.808 | 30.2 | 2.202 |
| 5860V | | 34.825 | 5.16 | 1.78 | 63.9 | | 26.9 | 28.5 | 2750 | 2.51 | 34.840 | 5.19 | 27.823 | 28.7 | 2.315 |
| 3166A | | 34.767 | 4.84 | 2.00 | 89.8 | | 30.4 | 28.3 | 3000 | 2.07 | 34.798 | 5.01 | 27.626 | 28.4 | 2.424 |
| 3472A | | 34,738 | 4.87 | 2.10 | 103.3 | | 31.3 | 27.6 | 3250 | 1.61 | 34.757 | 4.85 | 27.829 | 28.2 | 2.527 |
| 3779A | | 34.713 | 4.87 | 2.18 | 114.4 | | 32,5 | 27.0 | 3500 | 1.27 | 34.736 | 4.87 | 27.836 | 27.5 | 2.622 |
| 4086A | | 34.690 | 5.06 | 2.19 | 121.5 | | 32.8 | 26.5 | 3750 | 0.96 | 34.716 | 4.87 | 27.841 | 27.0 | 2.711 |
| 43941 | | 34.678 | 5.11 | 2.24 | 116.2 | | 33.4 | 26.0 | 4000 | 0.64 | 34.696 | 5.00 | 27.845 | 26.6 | 2.792 |
| 4703A | | 34,672 | 5.19 | 2.25 | 127.9 | | 33.5 | 26.0 | 4250 | 0.39 | 34.683 | 5.09 | 27.849 | 26.2 | 2.867 |
| 5013A | | 34.672 | 5.18 | 2.29 | 129.9 | | 33.5 | 25.9 | 4500 | 0.25 | 34.676 | 5.14 | 27.851 | 26.0 | 2.935 |
| 5116A | 0.166 | 34,670 | 5.24 | 2.28 | 128.4 | | 32.8 | 26.0 | 4750 | 0.19 | 34.673 | 5.19 | 27.852 | 26.0 | 3.001 |
| | | | | | | | | | 5000 | 0.18 | 34.673 | 5.18 | 27.853 | 25.9 | 3.066 |

| | | RV | MELVILL | Ε. | | | | CATO | EXPEDITIO | 14 M | | | | | |
|------|---------|--------|---------|------|--------------|-------|-------|-------|--------------|-------|---------------|---------|--------|-----------|-------|
| | CATITUD | | STYUDE | | AY/YR | | ENGER | | BOTTOM | WIND | SPEED | WEATHER | | ANT WAVES | |
| | 37 16.5 | 5 45 | 19.2W | 12/ | 8/72 | 0440 | 0733 | CMI | 5129M | 120 | 14KT | 5 | 0.84 | 0 B | |
| z | 7 | s | 02 | P04 | \$103 | NO2 | NO3 | CT | Z | 7 | s | 02 | SIGT | UT | no |
| 0 | 15.72 | 34.856 | 5.94 | 0.29 | 1.7 | | 1.6 | 228.3 | 0 | 15.72 | 34.856 | 5.94 | 25.719 | 228.3 | 0.000 |
| 10 | 15.71 | 34.859 | 5.94 | 0.30 | 1.7 | | 1.6 | 227.9 | 10 | 15.71 | 34.859 | 5.94 | 25.724 | 227.9 | 0.023 |
| 21 | 15.69 | 34,852 | 5.97 | 0.28 | 1.7 | | 1.5 | 227.9 | 20 | 15.69 | 34.852 | 5.97 | 25,723 | 227.9 | 0.046 |
| 52 | 13.86 | 34.871 | 6.19 | 0.40 | 1.8 | | 3.4 | 188.7 | 30 | 15.24 | 34.845 | 6.05 | 25.617 | 219.0 | 0.068 |
| 82 | 13.00 | 35,014 | 5.95 | 0.56 | 2.0 | | 5.6 | 161.5 | 50 | 14.00 | 34.865 | 6.18 | 26,101 | 192.0 | 0.109 |
| 103 | 12.62 | 35.053 | 5.85 | 6.61 | 2.4 | | 7.4 | 151,4 | 75 | 13.14 | 34.981 | 6.02 | 26.567 | 166.7 | 0.155 |
| 135 | 11.70 | 34.995 | 5.71 | 0.79 | 3.1 | | 10.1 | 138.A | 100 | 12.67 | 35.051 | 5.86 | 26.516 | 152.6 | 0.195 |
| 166 | 10.96 | 34.915 | 5.69 | 0.90 | 3,6 | | 12.0 | 131.8 | 125 | 12.00 | 35.022 | 5.75 | 26.624 | 142.3 | 0.233 |
| 208 | 10.30 | 34.857 | 5.68 | 1.00 | 4.8 | | 15.4 | 124.9 | 150 | 11.52 | 34.956 | 5.70 | 26.702 | 135.0 | 0.268 |
| 260 | 7.96 | 34.479 | 5.65 | 1.32 | 6.6 | | 18,5 | 117.0 | 200 | 10.45 | 34.875 | 5.68 | 26.796 | 126.1 | 0.336 |
| 311 | 7.01 | 34.370 | 5.94 | 1.44 | 7.8 | | 20.5 | 112.1 | 250 | 8.42 | 34.550 | 5.81 | 26.877 | 118.4 | 0.399 |
| 415 | 5.60 | 34.265 | 6.14 | 1.61 | 10.1 | | 23,8 | 102.6 | 300 | 7.15 | 34.383 | 5.92 | 26.933 | 113.1 | 0.459 |
| 520 | 5.14 | 34,283 | 5.85 | 1,76 | 14.1 | | 25,9 | 96.0 | 400 | 5.75 | 34.273 | 6.13 | 27.031 | 103.8 | 0.573 |
| 559A | | 34.246 | 5.99 | 1.80 | 15.0 | | 24.8 | 94.1 | 500 | 5.23 | 34.283 | 5.89 | 27.102 | 97.0 | 0.679 |
| 622 | 4.45 | 34.239 | 5.95 | 1.84 | 17.3 | | 27.4 | 91.7 | 600 | 4.53 | 34.241 | 5.96 | 27.149 | 92.6 | 0.779 |
| 662A | | 34.217 | 6.13 | 1.86 | 17.8 | | 22.6 | | 700 | 3.86 | 34.215 | 6.05 | 27.199 | 87.9 | 0.676 |
| 723 | 3.83 | 34.218 | 6.00 | 1.94 | 21.3 | | 28.0 | 87.4 | 800 | 3.59 | 34.240 | 5.68 | 27.245 | 83.5 | 0.967 |
| 765A | | 34.232 | 5.78 | 1.90 | 24.1 | | 28.0 | 85.3 | 1000 | 2.92 | 34.293 | 5.22 | 27,350 | 73.6 | 1.137 |
| 8674 | | 34.250 | 5.56 | 2.10 | 32.0 | | 28.9 | 79.9 | 1200 | 2.75 | 34,410 | 4.66 | 27,459 | 63.2 | 1.287 |
| 970A | | 34,277 | 5.31 | 2.13 | 38.4 | | 31,3 | 75.1 | 1500 | 2.69 | 34.570 | 4.40 | 27.590 | 50.8 | 1.483 |
| 174A | | 34.394 | 4.71 | 2.27 | 51.9 | | 30.6 | | 1750 | 2.74 | 34.674 | 4.45 | 27,670 | 43.2 | 1.625 |
| 378A | | 34.514 | 4.42 | 2,31 | 61.6 | | 33.0 | 54.9 | 2000 | 2.95 | 34.791 | 4.89 | 27.745 | 36.1 | 1.755 |
| 684A | | 34.638 | 4.36 | 2.19 | 54.9 | | 31.4 | 45.4 | 2250 2500 | 2.91 | 34.842 | 5.21 | 27.790 | 31.9 | 1.876 |
| 9884 | | 34.788 | 4.87 | 1.86 | 48.9 | | 25.1 | 36.4 | 2750 | 2.68 | 34.844 | 5.25 | 27.811 | 29.8 | 1.992 |
| 292A | | 34.848 | 5.25 | | | | | 31.4 | 3000 | | 34.828 | 5.21 | 27.823 | 28.6 | 2.104 |
| 495A | | 34.845 | 5.25 | 1.72 | 55.4 65.1 | | 25.0 | 29.8 | 3250 | 1.62 | 34.803 | 5.11 | 27.831 | 27.9 | 2.211 |
| 799A | | 34.790 | 5.20 | 1.78 | 83.2 | | 26.5 | 28.5 | 3500 | 1,19 | 34.764 | 4.95 | 27.834 | 27.7 | 2.312 |
| 409A | | 34.757 | 4.87 | 2.14 | 106.2 | | 30.0 | 27.8 | 3750 | 0.87 | 34.729 | 4.96 | 27.843 | 26.9 | 2.493 |
| 715A | | 34.713 | 4.95 | 2.22 | 117.8 | | 31.7 | 26.9 | 4000 | 0.58 | 34.693 | 5.05 | 27.846 | 26.5 | 2.572 |
| 0224 | | 34.691 | 5.06 | 2.24 | 123.6 | | 31.50 | | 4250 | 0.54 | 34.683 | 5.15 | 27.851 | 26.0 | 2.645 |
| 3314 | | 34.680 | 5.18 | 2.28 | 128.6 | | 32.8 | 25.9 | 4500 | 0.22 | 34.678 | 5.24 | 27.854 | 25.8 | 2.712 |
| 641A | | 34.676 | 5.27 | 2.29 | 129.8 | | 33.2 | 25.7 | 4750 | 0.19 | 34.675 | 5.27 | 27.854 | 25.8 | 2.777 |
| 953A | | 34.671 | 5.27 | 2.30 | 131.5 | | 30.3 | | 5000 | 0.17 | 34.671 | 5.28 | 27.852 | 26.0 | 2.841 |
| Q58A | | 34.670 | 5.30 | 2.30 | 130.3 | | 29.0 | | | | | | | -3.0 | |
| | | PV | MELVILL | - | | | | CATO | EXPEDITIO | on vi | | | | | |
| | LATITUD | | ITUDE | | AY/YR | MESER | NGER | | FOTTOM | WIND | ****** | WEATHER | DUMTT | ANT HAVE | |
| | 35 55.0 | | 37.9W | | 8/72 | 1754 | | GMT | 4915M | 130 | SPEED 11KT | WEATHER | 13 | ANT WAVES | |
| Z | 7 | S | 02 | P04 | \$103 | N02 | NO3 | DT | 2 | T | S | 02 | SIGT | DT | 00 |
| 0 | 19.76 | 36.104 | 5.38 | 0.11 | 1.2 | | 0.0 | 231.5 | 0 | 19.76 | 36.104 | 5.38 | 25.684 | 231.5 | 0.000 |
| 31 | 19.03 | 36.044 | 5.47 | 0.11 | 0.7 | | 0.0 | 217.8 | 10 | 19.50 | 36.084 | 5.42 | 25,737 | 226.5 | 0.023 |
| 63 | 18,48 | 35,975 | 5.48 | 0.12 | 0.9 | | 0.0 | 209.6 | 20 | 19,27 | 36.064 | 5.45 | 25.784 | 222.1 | 0.045 |
| 104 | 17,69 | 36.073 | 5.20 | 0.19 | 1.1 | | 1.5 | 183.8 | 30 | 19.05 | 36.045 | 5.47 | 25.824 | 218.2 | 0.068 |
| 136 | 16.76 | 35,909 | 5.21 | 0.27 | 1.4 | | 2.4 | 174.4 | 50 | 18.69 | 35.995 | 5.48 | 25,877 | 213.2 | 0.111 |

| | | | • | | | | | | | | 4. | | | | |
|-------|-------|----------|------|------|-------|-----|------|-------|------|-------|--------|------|--------|-------|-------|
| Z | Т | S | 02 | P04 | \$103 | N02 | NO3 | DT | Z | T | s | 02 | SIGT | DT | 00 |
| 0 | 19.76 | 36.104 | 5.38 | 0.11 | 1.2 | | 0.0 | 231.5 | 0 | 19.76 | 36.104 | 5.38 | 25.684 | 231.5 | 0.000 |
| 31 | 19.03 | 56.044 | 5.47 | 0.11 | 0.7 | | 0.0 | 217.8 | 10 | 19.50 | 36.084 | 5.42 | 25,737 | 226.5 | 0.023 |
| 63 | 18.48 | 35,975 | 5.48 | 0.12 | 0.9 | | 0.0 | 209.6 | 20 | 19.27 | 36.064 | 5.45 | 25.784 | 222.1 | 0.045 |
| 104 | 17,69 | 36.073 | 5.20 | 0.19 | 1.1 | | 1.5 | 183.8 | 30 | 19.05 | 36.045 | 5.47 | 25.824 | 218.2 | 0.068 |
| 136 | 16.76 | 35,909 | 5.21 | 0.27 | 1.4 | | 2.4 | 174.4 | 50 | 18.69 | 35.995 | 5,48 | 25.877 | 213.2 | 0.111 |
| 167 | 16,41 | 35.870 | 5.25 | 0.29 | 1.6 | | 2.8 | 169.4 | 75 | 18.28 | 36.010 | 5.40 | 25,994 | 202.1 | 0.163 |
| 209 | 15,39 | 35.680 | 5.11 | 0.42 | 1.8 | | 4.6 | 161.1 | 100 | 17.78 | 36.065 | 5.23 | 26,160 | 186.3 | 0.213 |
| 261 | 14,93 | 35,637 | 5.30 | 0.42 | 1.8 | | 4.9 | 154.5 | 125 | 17.06 | 35.968 | 5,21 | 26.260 | 176.9 | 0.259 |
| 312 | 14,65 | 35,606 | 5.50 | 0.45 | 1.9 | | 5.3 | 150.9 | 150 | 16.59 | 35.889 | 5.23 | 26.311 | 172.0 | 0.304 |
| 416 | 13,81 | 35,439 | 5.28 | 0.58 | 2.4 | | 7.4 | 146.1 | 200 | 15.61 | 35.720 | 5.14 | 26.408 | 162.8 | 0.390 |
| 518 | 10.89 | 34.936 | 5.33 | 1.00 | 4.6 | | 13.8 | 129.0 | 250 | 14.98 | 35.636 | 5.24 | 26.484 | 155.6 | 0.473 |
| 621 | 7.75 | 34.528 | 5,26 | 1.47 | 9.2 | | 21.8 | 110.4 | 300 | 14.71 | 35.613 | 5.46 | 26,526 | 151.6 | 0.554 |
| 663A | 6,53 | 34.404 | 5,46 | 1.63 | 11.1 | | 22.6 | 103.4 | 400 | 14.02 | 35.482 | 5.33 | 26.573 | 147.2 | 0.714 |
| 724 | 5,69 | 34.315 | 5.76 | 1.67 | 11.6 | | 24.3 | 99.9 | 500 | 11.49 | 35.029 | 5.32 | 26.728 | 132.5 | 0.865 |
| 766A | 5.26 | 34.299 E | 5.76 | 1.67 | 12.5 | | 24.4 | 96.1 | 600 | 8.39 | 34.601 | 5.27 | 26.922 | 114.2 | 1.000 |
| 869A | 4.54 | 34.255 | 5.79 | 1.77 | 17.1 | | 26.6 | 91.6 | 700 | 5.94 | 34.342 | 5,66 | 27.062 | 100.9 | 1.118 |
| 9724 | 4.01 | 34.262 | 5,56 | 2.03 | 23.5 | | 29.0 | 85.8 | 800 | 4.99 | 34.282 | 5.77 | 27.130 | 94.4 | 1.225 |
| 1075A | 3,63 | 34.276 | 5.34 | 2.04 | 30.0 | | 31.1 | 81.1 | 1000 | 3.90 | 34.265 | 5,50 | 27.234 | 84.5 | 1.421 |
| 1177A | 3,26 | 34.304 | 5.16 | 2.15 | 36.9 | | 32.1 | 75.6 | 1200 | 3.20 | 34.315 | 5.10 | 27.342 | 74.3 | 1.596 |
| 1383A | 2.90 | 34.415 | 4.67 | 2.30 | 51,1 | | 34.4 | 64.1 | 1500 | 2.79 | 34.481 | 4.51 | 27.512 | 58.2 | 1.822 |
| 15884 | 2.76 | 34.531 | 4.44 | 2.25 | 59.5 | | 33.8 | 54.1 | 1750 | 2.83 | 34.627 | 4.51 | 27.624 | 47.6 | 1.979 |
| 1895A | 2.98 | 34.711 | 4.57 | 2.00 | 56.4 | | 29.8 | 42.4 | 5000 | 3.14 | 34.781 | 4.87 | 27.719 | 38.6 | 2.120 |
| 2202V | 3.39 | 34.891 | 5.46 | 1.55 | 32.5 | | 23.2 | 32.5 | 2250 | 3.58 | 34.902 | 5.54 | 27.793 | 31.5 | 2.248 |
| 2405A | 3.34 | 34.926 | 5.67 | 1.42 | 28.4 | | 21.8 | 29.4 | 2500 | 3.18 | 34.908 | 5.60 | 27.817 | 29.2 | 2.369 |
| 2610A | 2.97 | 34,887 | 5.49 | 1.62 | 41.6 | | 23.5 | 29.1 | 2750 | 2.63 | 34.885 | 5.53 | 27.831 | 28.0 | 2.487 |
| 2917A | 2.69 | 34.886 | 5,59 | 1.59 | 45.5 | | 23.3 | 26.7 | 3000 | 2.59 | 34.877 | 5.56 | 27.846 | 26.5 | 2.600 |
| 3225A | 2.21 | 34.844 | 5.39 | 1.68 | 61.1 | | 25.1 | 26.0 | 3250 | 2.14 | 34.835 | 5.35 | 27.850 | 26.1 | 2.707 |
| 3533A | 1.35 | 34.746 | 4.91 | 2.09 | 104.5 | | 28.8 | 27.2 | 3500 | 1.44 | 34.756 | 4.96 | 27.840 | 27.1 | 2.807 |
| 3842A | 0.847 | 34.712 | 4.96 | 2.19 | 116.1 | | 32.2 | 26.6 | 3750 | 0.97 | 34.720 | 4.95 | 27.843 | 26.9 | 2.897 |
| 4153A | 0.414 | 34,687 | 5.07 | 2.25 | 125.7 | | 33.8 | 26.0 | 4000 | 0.61 | 34.698 | 5.01 | 27.849 | 26.3 | 2.978 |
| 44634 | 0.225 | 34,678 | 5.22 | 2.28 | 127.2 | | 33.4 | 25.7 | 4250 | 0.34 | 34.683 | 5.12 | 27.853 | 25.9 | 3.050 |
| 4776A | 0.162 | 34,676 | 5.24 | | 131.2 | | 33.6 | 25.5 | 4500 | 0.21 | 34.678 | 5.22 | 27.855 | 25.7 | 3.117 |
| 4881A | 0.162 | | 5.23 | 2.29 | 129.9 | | 33.4 | | 4750 | 0.16 | 34.677 | 5.24 | 27.857 | 25.5 | 3.161 |
| | | | | | | | | | | | | | | | |

E) AN ERROR OF 1 OHM, .057 PPT. HAS BEEN ASSUMED FOR THIS VALUE.

| Variety Constitute Variety V | | | 49 511 | 0 | | CATO EX | PFDITION VI | | | 50 ST | D | |
|---|-------|-------|--------|---------|-------|---------|-------------|-------|-------|---------|-------|-------|
| 15.67 34.68 27.747 22.5.2 0.002 0.1023 10 10.11 25.469 22.1 0.005 20 10.76 34.91 27.747 22.5.2 0.023 10 10.11 10.11 27.762 22.4 1 0.066 10.15 10.1 | | | | | | | | | | | | |
| 10 13.71 34.89 25.77 222.6 0.023 20 13.74 34.91 25.731 222.6 0.025 30 13.74 34.92 25.731 222.6 0.055 30 13.74 34.92 26.240 176.0 225.6 0.056 30 14.10 35.6 0.05 22.17 0.066 40 13.54 34.92 26.240 176.0 0.131 40 13.54 34.92 26.240 176.0 0.130 40 13.54 34.92 26.240 176.0 0.130 40 12.65 35.06 26.251 176.1 0.150 40 12.65 35.06 26.251 176.1 0.150 40 12.65 35.06 26.251 176.1 0.150 40 12.65 35.06 26.251 176.1 0.150 40 12.65 35.06 26.251 176.1 0.150 40 12.65 35.06 26.251 176.1 0.150 40 12.65 35.06 26.371 176.0 0.130 40 12.65 35.06 26.371 176.0 0.130 40 12.65 35.06 26.371 176.1 0.223 40 1 | 2 | 7 | S | SIGNA T | 7.0 | DD | Z | т | S | SIGMA T | OT | DU |
| 10 13.71 35.69 22.77 225.6 0.023 20 13.78 35.91 27.78 225.6 0.023 20 13.68 35.91 27.78 225.6 0.075 20 13.68 35.91 27.78 225.6 0.075 20 13.78 35.91 27.78 225.6 0.075 20 13.78 35.92 26.220 170.1 170.1 0.111 20 16.73 55.00 2.25.77 225.4 0.075 20 13.78 35.92 26.220 170.1 170.1 0.131 20 16.73 55.99 27.78 225.7 0.075 20 13.78 35.92 26.220 170.1 170.1 0.131 20 16.73 55.99 27.78 225.7 0.075 20 13.78 35.92 26.220 177 170.1 0.131 20 16.73 55.99 27.78 225.2 0.075 20 12.65 35.00 27 | 0 | 15.67 | 34.88 | 25.749 | 225.5 | 0.000 | 0 | 19.76 | 36.11 | 25.689 | 231.1 | 0.000 |
| 20 15.76 35.49 25.751 223.5 0.005 | | 15,71 | 34.89 | 25.747 | 225.6 | | | 19.71 | 36.10 | 25.694 | 230.6 | 0.023 |
| 13.68 33.91 25.770 223.5 0.090 90 16.63 36.61 25.65 25.76 2.15 0.15 | | | 34.91 | | 225.2 | | | | | | 224,1 | 0.046 |
| 50 13,74 33,82 26,121 190,1 0,111 50 16,72 35,99 25,666 21,92 0,112 61 61 13,97 34,92 27,121 61 61 13,97 34,92 27,121 61 61 13,97 34,92 27,121 61 61 12,63 35,10 42,63 11 11,00 11,1 | | | 35.09 | 25.768 | 223.6 | 0.068 | | | | | 219,1 | 0.068 |
| 60 13,94 54,92 22,240 170,0 | | 13.74 | 34.82 | 26.121 | 190.1 | 0.111 | | | 35.09 | | 219.4 | 0.070 |
| 70 | | 13.54 | 34.92 | | 178.8 | | | | 35.96 | | 213.6 | 0.153 |
| 86 12,99 35,04 26,452 150,b 0,164 60 17,09 36,04 26,132 190,9 0,174 70 12,165 35,03 27,000 115,5 115,5 115 115 117,7 32,165 26,147 137,7 0,025 115 117,7 115 117,7 32,165 26,147 137,7 0,025 117 137,1 13,15 117,7 117,7 32,15 117,7 117,9 | 70 | 12,97 | 34.92 | | | | 70 | | | | | 0.154 |
| 100 12,65 3,08 22,97 149,6 0,195 100 17,73 56,09 26,190 185,5 0,22 128,177 0,0259 128,122 35,00 26,586 186,19 126,11 17,70 1,0259 128,122 35,00 26,586 186,19 127,70 1,0259 128,122 35,00 26,586 186,19 127,70 1,0259 128,1 | | 12.95 | 35.04 | | 158.6 | | | | | | 190.9 | 0.174 |
| 128 12, 32 35, 05 26, 565 146, 1 0, 235 125 17, 06 35, 96 26, 226 177, 9 0, 259 200 110, 13 34, 96 26, 127 117, 9 0, 259 200 110, 13 34, 96 26, 127 117, 9 0, 259 200 110, 13 34, 96 26, 127 117, 9 0, 259 200 110, 13 34, 97 26, 127 117, 9 0, 259 200 110, 13 34, 97 26, 127 117, 9 0, 259 200 110, 15 20 26, 127 117, 9 0, 259 200 110, 15 20 26, 127 117, 9 0, 259 200 110, 15 20 26, 127 117, 9 0, 259 200 110, 15 20 26, 127 110, 127 117, 9 1 | | 12.65 | 35.03 | 26.504 | 153.7 | 0.179 | | | 36.05 | 26.147 | 187.6 | 0.194 |
| 150 11.77 34.96 | | 12.03 | 35.00 | 26.547 | 146.1 | | | | | 26.190 | 177 9 | 0.212 |
| 200 10,51 34,91 26,812 124,5 0,356 200 15,59 35,70 26,396 163,9 0,390 250 8,63 34,07 26,085 113,7 20,279 320 17,17 34,58 34,58 26,928 113,7 0,499 320 14,60 35,62 26,511 135,0 0,596 400 5,69 34,27 27,037 100,2 0,572 30 14,60 35,62 26,511 135,0 0,596 34,27 27,037 100,2 0,572 30 14,60 35,62 36,630 141,8 0,776 36,650 141,8 0,776 36 | | 11.47 | 34.96 | | 137.5 | 0.269 | | | | | 171 4 | 0.23 |
| 250 8,63 34,60 26,804 117,7 0.599 250 14.00 35,62 26,511 152,0 0.754 300 7,17 34.50 26,928 113,5 0.499 300 14.00 35,62 26,511 155,0 0.506 350 6,76 34.39 26,938 107,0 0.517 350 14.00 35,62 26,511 155,0 0.586 350 6,76 34.39 26,938 107,0 0.517 350 14.00 35,62 26,551 149,5 0.686 350 5,18 34.59 26,938 107,0 0.517 350 14.00 35,60 26,550 149,5 0.686 550 4,71 34.25 27,118 99,0 0.677 300 11,27 34.91 26,675 137,5 0.686 550 4,71 34.25 27,118 99,0 0.677 500 11,27 34.91 26,675 137,5 0.6870 650 4,00 34.21 27,176 90,1 0.655 650A 6.61 34.72 27,049 110,1 12,1 12,1 12,1 12,1 12,1 12,1 12, | | 10.51 | 34.91 | 26.812 | | 0.336 | | | 35.70 | 26.396 | 163.9 | 0.390 |
| Solid 1.1 | | 8.63 | 34.60 | | 117.7 | | 250 | 15.00 | 35.62 | 26.467 | 157.2 | 0.474 |
| 400 5, 69 34, 27 21, 0.57 103, 2 0.572 400 12, 64 25, 59 22, 65, 55 11, 9, 0 0.715 500 5, 03 34, 27 21, 113 96, 0 0.677 500 12, 64 26, 675 137, 5 0.715 550 4, 72 34, 22 27, 117 96, 0 0.677 500 41, 77 34, 69 26, 675 137, 5 0.716 550 4, 72 34, 21 27, 176 90, 1 0.625 650 4.00 34, 47 27, 109 112, 1 1, 66 650 4, 05 34, 21 27, 176 90, 1 0.625 650 4.00 34, 27 27, 109 110, 1 1, 121 750 3, 52 32, 21 27, 109 66, 0 0.920 750A 5, 50 34, 27 27, 106 10, 1 1, 121 750 3, 13 34, 22 27, 29 85, 0 96, 20 1, 20 34, 27 27, 168 81, 0 1, 22 | | 7.17 | | 26,928 | | | | | | | 153.0 | 0.556 |
| 450 5,18 3*,26 27,090 96,2 0,625 450 12,64 35,19 26,630 141,6 0,795 550 5,05 3*,27 27,115 96,0 0,677 500 1,775 500 1,775 3*,91 26,675 137,5 0,942 600 4,70 3*,22 27,117 92,0 0,775 600 7,91 3*,52 26,931 113,2 1,007 650 4,00 3*,21 27,117 92,0 0,775 600 4,00 26,00 121,117 90,1 0,625 600 600 7,00 3,12 27,100 102,11 1,066 600 4,00 34,21 27,129 66,0 9,00 750 600 34,21 27,129 66,0 9,00 4,00 34,22 27,138 97,3 1,1227 9004 3,14 3*,25 27,297 76,6 1,052 9004 4,136 3*,27 27,216 91,0 1,227 <tr< td=""><td></td><td>5.69</td><td></td><td></td><td>107.4</td><td>0.517</td><td></td><td></td><td></td><td></td><td>149.3</td><td>0.636</td></tr<> | | 5.69 | | | 107.4 | 0.517 | | | | | 149.3 | 0.636 |
| 500 5.05 34.27 27.113 96.0 0.677 500 11.27 34.91 26.675 137.5 0.870 550 4.71 34.25 27.136 93.0 0.677 550 4.57 34.66 26.02 125.4 0.942 600 4.40 34.22 27.147 92.6 0.776 600 7.91 34.52 26.931 113.2 1.007 650 4.05 34.21 27.147 90.1 0.625 650 6.63 134.37 27.049 102.1 1.066 650 7.91 34.25 26.931 113.2 1.007 650 4.05 34.21 27.147 90.1 0.625 650 6.63 134.37 27.049 102.1 1.066 650 7.91 34.25 26.931 113.2 1.007 650 4.05 34.25 27.249 66.0 0.920 750 6.06 6.63 34.25 27.069 102.1 1.056 650 6.06 34.25 27.069 102.1 1.056 650 6.06 34.25 27.069 102.1 1.056 650 6.06 34.25 27.069 102.1 1.056 650 6.06 34.25 27.069 102.1 1.052 650 650 6.06 34.25 27.069 102.1 1.052 650 650 650 650 650 650 650 650 650 650 | | | | | 98.2 | | | | | | | 0.716 |
| 550 4,71 34,25 27,156 92,0 0,776 600 7,91 34,69 26,802 125,4 0,942 600 4,40 34,22 27,177 92,0 0,776 600 7,91 34,52 26,931 113,2 1,007 650 4,00 34,21 27,179 92,0 0,776 600 7,91 34,23 27,049 102,1 1,066 7,750 3,78 34,23 27,179 96,1 0,825 660 660 7,91 34,23 27,049 102,1 1,066 7,750 3,78 34,23 27,189 96,1 0,920 750 66,0 1,4 3,4 3,4 3,4 3,4 3,4 3,4 3,4 3,4 3,4 3 | | | | | 96.0 | 0.677 | | | | 26.675 | 137.5 | 0.870 |
| 600 4.40 34.22 27.176 92.0 0.776 600 7.91 34.52 26.931 113.2 1.007 650 4.05 34.21 27.176 90.1 0.625 6506 6.61 34.37 27.069 102.1 1.066 700 3.92 34.21 27.176 90.1 0.625 6506 6.61 34.37 27.069 102.1 1.066 700 3.92 34.21 27.176 90.1 0.625 7306 5.50 34.29 27.069 100.1 1.121 7508 3.78 34.22 27.219 86.0 0.725 7306 5.50 34.29 27.100 97.3 1.175 8600 3.48 34.22 27.219 86.0 0.925 7306 5.50 34.29 27.100 97.3 1.175 8600 3.48 34.22 27.219 86.0 0.925 7306 5.50 34.29 27.100 97.3 1.175 8600 3.48 34.22 27.219 86.0 0.925 7306 5.50 34.29 27.138 95.6 1.227 9504 3.14 34.25 27.297 78.6 1.009 9004 4.66 34.27 27.138 95.6 1.227 9504 3.01 34.27 27.528 76.0 1.093 9004 4.66 34.27 27.128 66.7 1.276 9504 3.01 34.27 27.528 76.0 1.093 9504 4.16 34.27 27.212 66.7 1.376 10004 2.64 34.35 27.450 64.0 1.093 9504 4.16 34.27 27.212 66.7 1.376 11004 2.64 34.35 27.450 64.0 1.284 12008 3.18 34.27 27.212 66.7 1.376 11004 2.68 34.46 27.450 64.0 1.284 12008 3.18 34.27 27.496 79.5 1.133 13008 2.68 34.46 27.505 58.0 1.251 11008 3.16 34.27 27.497 77.1 1.598 13008 2.68 34.46 27.505 58.0 1.353 13008 3.02 34.38 27.411 67.6 16.77 14008 2.76 34.35 27.551 54.5 1.418 14008 2.69 34.35 27.451 67.6 16.77 14008 2.76 34.35 27.551 54.5 1.418 14008 2.69 34.35 27.451 67.6 16.77 14008 2.77 34.70 27.652 49.4 1.799 15008 2.77 34.35 27.751 57.3 1.621 15008 2.77 34.70 27.659 41.5 1.456 14008 2.69 34.46 27.656 44.0 1.006 1600 2.77 34.70 27.669 41.5 1.456 16008 2.69 34.56 27.561 45.1 1.006 1600 2.77 34.70 27.669 41.5 1.696 19008 2.69 34.66 27.667 45.1 1.006 1600 2.87 34.75 27.725 38.0 1.698 19008 2.69 34.66 27.667 45.1 1.006 1600 2.87 34.75 27.755 38.0 1.698 19008 2.69 34.66 27.667 45.1 1.006 1600 2.87 34.76 27.765 38.0 1.796 2.0008 2.97 34.75 27.760 34.6 2.006 1600 2.87 34.78 27.770 33.6 1.796 2.0008 2.97 34.75 27.760 34.6 2.006 1600 2.87 34.78 27.785 30.6 1.395 2.0008 2.97 34.75 27.760 34.6 2.006 17.0008 2.87 34.78 27.785 30.6 1.795 2.0008 2.97 34.79 27.760 34.6 2.767 34.0 2.0008 2.97 34.79 2.7760 34.8 2.0008 2.97 34.79 2.7760 34.8 2.277 18000 2.87 34.78 27.785 27.6 2.0008 2.79 | 550 | 4.71 | 34.25 | 27.136 | 93.0 | 4.727 | 550 | | 34.69 | 26.802 | 125.4 | 0.942 |
| 700 | | | 34.22 | 27.147 | 92.8 | | | | 34.52 | 26.931 | 113.2 | 1.007 |
| 750A 3,78 34,28 2,7219 86,0 0,920 750A 5,50 34,29 27,100 97,3 1,175 800A 3,45 34,22 27,285 88,5 0,965 800A 4,46 54,28 27,138 93,6 1,257 800A 3,38 34,25 27,282 80,0 1.009 850A 4,66 54,28 27,166 91,0 1,278 950A 3,14 34,27 27,321 66,7 1,093 950A 4,16 54,28 27,166 91,0 1,278 950A 3,01 34,27 27,321 66,7 1,376 80,9 1,327 950A 3,01 34,27 27,321 66,7 1,376 80,9 1,327 1100A 2,83 4,31 27,556 75,6 1,134 1000A 3,57 34,29 27,285 87,5 1,423 1100A 2,83 4,31 27,556 75,6 1,134 1000A 3,57 34,29 27,285 87,5 1,423 1100A 2,86 34,30 27,600 64,0 1,284 1100A 3,57 34,29 27,285 87,5 1,513 1100A 2,86 34,30 27,600 64,0 1,284 1100A 3,57 34,29 27,285 87,5 1,513 1100A 2,86 34,30 27,600 64,0 1,284 1100A 3,57 34,29 27,285 87,5 1,513 1100A 2,26 34,30 27,600 64,0 1,284 1100A 3,57 34,29 27,285 67,7 1,513 1100A 2,26 34,36 27,555 58,5 1,48 1100A 3,57 34,29 27,285 67,7 1,513 1100A 2,26 34,36 27,255 58,5 1,48 1100A 3,57 34,29 27,285 67,7 1,513 1100A 2,26 34,36 27,255 58,5 1,48 1100A 2,26 34,36 27,44 11 27,6 1,57 1,57 1,500A 2,7 34,50 27,24 1,57 1,513 1,500A 2,7 34,50 27,24 1,513 1,513 1,500A 2,7 34,50 27,24 1,57 1,513 1,500A 2,7 34,50 27,24 1,513 1,513 1,500A 2,7 34,50 27,24 1,513 1,514 1,500A 2,7 34,50 27,50 1,514 1,514 1,500A 2,7 34,50 27,50 1,500A 2,7 34,50 27,50 1,514 1,500A 2,7 34,50 27,50 1,514 1,500A 2,7 34,50 27,50 1,514 1,500A 2,7 34,50 27,50 1,500A 2,7 34,50 27,7 34,50 27,7 34,50 27,7 34,50 27,7 34,50 27,7 34,50 27,7 34,50 27,7 34,50 27,7 34,50 27,7 34,50 27,7 34,50 27,7 34,50 27 | | | 34.21 | 27,176 | 90.1 | | | | 34.47 | 27.049 | 102.1 | 1.066 |
| Agond 3, 42 27, 248 83, 5 0,965 600A 4, 67 54, 29 27, 138 73, 6 1,278 900A 3, 18 34, 25 27, 282 80, 0 1,009 850A 4,66 54, 26 27, 156 91, 0 1,278 900A 3, 14 34, 25 27, 27 78, 6 1,052 900A 4, 38 34, 27 27, 186 86, 7 1,376 100AA 3,01 34, 31 27, 356 73, 6 1,154 100A 3,94 34, 27 27, 256 84, 5 1,421 1100A 2,4 34, 35 27, 495 64, 6 1,284 120DA 3,18 34, 27 27, 256 84, 5 1,221 1100A 2,76 34, 46 27, 505 58, 6 1,353 1350A 3,18 34, 22 27, 349 73, 7 1,593 1100A 2,76 34, 27 27, 505 58, 6 1,357 130A 34, 38 27, 445 6, 9 1,511 | | | | | | | | | | | 100.1 | 1,121 |
| ## ## ## ## ## ## ## ## ## ## ## ## ## | | | 34.22 | 27.245 | | | | | | | 93.6 | 1.227 |
| 900A 3, 14 34, 25 27, 297 78, b 1,052 90A 4,36 34,27 27,168 6E,9 1,327 950A 3,01 34,27 27,524 76,0 1,093 950A 4,16 34,27 27,212 86,7 1,376 1000A 3,01 34,37 27,163 86,5 1,211 1100A 3,94 34,27 27,235 84,5 1,423 1100A 2,84 34,35 27,403 86,5 1,211 1100A 3,16 34,32 27,349 73,7 1,515 1200A 2,76 34,46 27,505 58,6 1,355 1200A 2,76 34,46 27,555 58,6 1,355 1200A 2,76 34,46 27,555 58,6 1,355 1200A 2,76 34,52 27,549 73,7 1,698 1300A 2,76 34,52 27,551 54,5 1,416 1400A 2,89 34,43 27,465 62,9 1,751 1500A 2,76 34,52 27,551 54,5 1,416 1400A 2,89 34,43 27,465 62,9 1,751 1500A 2,76 34,67 27,667 49,4 1,479 1500A 2,77 34,46 27,565 47,5 1,597 1600A 2,78 34,57 27,754 67,67 49,2 1,598 1600A 2,78 34,67 27,667 49,5 1,597 1600A 2,77 34,47 27,667 49,2 1,598 1600A 2,78 34,57 27,755 34,5 1,597 1700A 2,77 34,76 27,76 34,5 1,597 1700A 2,77 34,76 27,78 34,75 27,725 36,0 1,698 1300A 2,89 34,68 27,650 49,1 1,591 1,696 1800A 2,89 34,66 27,650 49,2 1,998 1600A 2,81 34,75 27,76 35,5 1,698 1300A 2,98 34,72 27,667 41,6 2,006 1200A 2,87 34,78 27,776 35,6 1,796 2100A 3,25 34,75 27,710 39,4 2,115 2200A 2,93 34,85 27,776 35,2 1,685 2200A 3,41 34,89 27,780 32,8 2,217 2200A 2,93 34,88 27,776 35,2 1,895 2200A 3,41 34,89 27,780 32,8 2,217 2200A 2,85 34,84 27,793 31,6 1,489 2200A 3,45 34,89 27,780 32,8 2,217 2200A 2,85 34,84 27,793 31,6 1,489 2200A 3,45 34,89 27,780 32,8 2,217 200A 2,85 34,86 27,812 29,7 2,000 28,19 2,19 2,19 2,19 2,19 2,19 2,19 2,19 2 | | 3.38 | 34.26 | 27.282 | 80.0 | 1.009 | 850A | | | | | 1.278 |
| 395.04 3,01 34,27 27,524 75,0 1,075 950.04 4,16 34,27 27,212 66,7 1,376 1000.04 3,01 34,15 27,403 68,5 1,211 1100.04 3,57 34,27 27,225 64,5 1,376 1100.04 2,84 34,15 27,403 68,5 1,211 1100.04 3,57 34,27 27,225 64,5 1,423 1100.04 2,85 34,46 27,555 58.6 1,214 1200.04 3,16 34,32 27,489 73,7 1,598 1100.04 2,86 34,46 27,555 58.6 1,353 1350.04 3,02 34,36 27,411 67.6 1,677 1100.04 2,87 34,45 27,555 49,4 1,499 1300.04 2,89 34,43 27,463 62,9 1,751 1100.04 2,76 34,45 27,655 49,4 1,499 1300.04 2,77 34,45 27,551 57,3 1,621 1100.04 2,77 34,45 27,655 49,4 1,499 1300.04 2,77 34,45 27,551 57,3 1,621 1100.04 2,77 34,45 27,659 49,4 1,499 1300.04 2,79 34,45 27,560 49,4 1,499 1100.04 2,77 34,45 27,765 38,0 1,698 190.04 2,79 34,75 27,600 45,11 2,066 1200.04 2,87 34,78 27,763 36,3 1,747 200.04 2,99 34,75 27,710 39,4 2,115 200.04 2,93 34,85 27,766 33,2 1,895 2200.04 3,45 27,760 32,8 2,217 200.04 2,93 34,85 27,766 33,2 1,895 2200.04 3,45 27,760 32,8 2,217 200.04 2,85 34,85 27,780 30,6 1,939 2400.04 2,95 34,86 27,760 30,6 2,267 200.04 2,85 34,85 27,806 30,6 1,939 2400.04 2,95 34,86 27,780 30,6 2,267 200.04 2,85 34,86 27,869 30,4 1,985 2500.04 3,13 34,9 27,760 30,6 2,267 200.04 2,85 34,86 27,869 30,4 1,985 2500.04 3,14 34,89 27,780 30,6 2,267 200.04 2,85 34,86 27,869 30,4 1,985 2500.04 3,14 34,89 27,780 30,6 2,267 200.04 2,85 34,86 27,869 30,4 1,985 2500.04 3,14 34,89 27,780 30,6 2,267 200.04 2,85 34,86 27,869 27,860 30,4 1,985 2500.04 3,14 34,89 27,890 27,88 27,82 28,6 2,365 200.04 2,77 34,87 27,83 27,82 29,9 2 | | | | | 78.6 | 1.052 | | 4.38 | 34.27 | 27.188 | 88.9 | 1.327 |
| 1100A 2,84 34,35 27,403 68,5 1,211 1100A 3,57 34,29 27,288 79,5 1,513 1200A 2,68 34,46 27,505 58,6 1,353 1300A 3,02 34,38 27,411 67,6 1,677 1400A 2,70 34,59 27,605 49,4 1,416 1400A 2,89 34,38 27,411 67,6 1,677 1400A 2,78 34,59 27,605 49,4 1,479 1500A 2,77 34,49 27,521 57,3 1,621 1400A 2,78 34,59 27,605 49,4 1,479 1500A 2,77 34,49 27,521 57,3 1,621 1400A 2,78 34,57 27,667 43,5 1,557 1600A 2,77 34,49 27,556 54,0 1,886 1700A 2,74 34,67 27,667 43,5 1,552 1700A 2,79 34,60 27,607 49,2 1,986 1800A 2,77 34,70 27,669 41,5 1,646 1800A 2,79 34,60 27,607 49,2 1,986 1800A 2,87 34,70 27,669 41,5 1,646 1800A 2,79 34,60 27,657 41,6 2,061 2000A 2,87 34,78 27,725 38,0 1,698 1900A 2,96 34,72 27,687 41,6 2,061 2000A 2,87 34,82 27,770 33,6 1,797 2000A 2,97 34,75 27,710 39,4 2,115 2100A 2,93 34,82 27,770 33,2 1,795 2100A 3,29 34,75 27,710 39,4 2,115 2100A 2,95 34,83 27,76 33,2 1,796 2100A 3,25 34,89 27,760 32,8 2,217 2200A 2,85 34,84 27,793 31,6 1,892 2300A 3,41 34,89 27,780 32,8 2,217 2300A 2,85 34,84 27,805 30,6 1,895 2500A 3,41 34,89 27,803 30,6 2,267 2400A 2,85 34,84 27,805 30,6 1,985 2500A 3,54 34,89 27,802 30,6 2,267 2400A 2,85 34,84 27,805 30,6 1,985 2500A 3,54 34,89 27,802 30,6 2,267 2400A 2,85 34,86 27,804 30,6 1,985 2500A 3,54 34,91 27,805 30,6 2,267 2400A 2,85 34,84 27,805 30,4 1,985 2500A 3,54 34,91 27,805 30,6 2,267 2400A 2,85 34,84 27,805 30,4 1,985 2500A 3,54 34,91 27,805 28,6 2,365 2500A 2,71 34,84 27,805 30,4 1,985 2500A 3,28 34,89 27,824 28,6 2,365 2500A 2,71 34,81 27,868 28,5 27,824 28,6 2,365 2500A 2,71 34,81 27,886 28,5 27,824 28,6 2,365 2500A 2,71 34,81 27,886 28,5 27,824 28,6 2,365 2500A 2,71 34,81 27,886 28,5 2,18 29,1 2,410 2700A 2,85 34,84 27,825 28,5 2,475 3100A 2,95 34,88 27,824 28,6 2,365 2500A 2,71 34,81 27,886 28,5 27,824 28,6 2,365 2500A 2,71 34,81 27,886 28,5 2,188 29,1 2,410 2700A 2,85 34,84 27,825 28,5 2,475 3100A 2,95 34,88 27,824 28,6 2,365 2500A 2,71 34,81 27,886 28,5 2,887 300A 2,97 34,88 27,889 27,824 28,6 2,365 2500A 2,71 34,81 27,885 28,5 2,885 28,5 2,885 27,888 27,889 27,889 27,889 27,889 2 | | 3.01 | 34.27 | | 76.0 | 1.093 | | | | | | 1,376 |
| 1200A 2.76 34.40 27.450 64.0 1.284 1200A 3.18 34.32 27.849 73.7 1.598 1300A 2.68 34.66 27.505 58.6 1.353 1300A 3.02 34.86 27.465 62.9 1.751 1500A 2.70 34.52 27.551 54.5 1.416 1400A 2.89 34.83 27.465 62.9 1.751 1500A 2.72 34.59 27.605 49.4 1.479 1500A 2.77 34.49 27.555 54.0 1.886 1700A 2.78 34.61 27.625 47.5 1.557 1600A 2.74 34.53 27.565 54.0 1.886 1700A 2.74 34.67 27.667 43.5 1.592 1700A 2.79 34.60 27.567 49.1 1.886 1800A 2.77 34.70 27.689 41.5 1.646 1800A 2.64 34.66 27.565 45.1 2.006 2.61 34.75 27.725 36.0 1.698 1900A 2.67 34.75 27.743 36.3 1.747 2000A 2.97 34.75 27.710 39.4 2.115 2.006 2.87 34.82 27.776 33.6 1.795 2100A 2.97 34.75 27.760 34.82 2.15 2.200A 2.97 34.83 2.7776 33.6 1.796 2100A 2.97 34.75 27.760 34.3 2.167 2.200A 2.97 34.83 2.7776 33.6 1.796 2100A 2.95 34.83 27.776 33.6 1.796 2100A 2.85 34.85 27.766 33.6 1.939 2400A 3.35 34.89 27.760 32.8 2.217 2.500A 2.85 34.85 27.604 30.6 1.939 2400A 3.35 34.93 27.803 2.85 2.217 2.500A 2.85 34.85 27.804 30.6 1.939 2400A 3.35 34.93 27.804 2.86 2.363 2.271 34.85 27.805 2.278 2.2078 2.200A 2.97 2.85 34.85 27.804 2.85 2.2078 2.2078 2.200A 2.97 2. | | 2 84 | 34.31 | | 13.0 | 1.154 | | | | | 84.5 | 1.423 |
| 1300A 2.68 34.46 27.505 58.6 1.353 1300A 3.02 34.38 27.411 67.8 1.677 1400A 2.70 34.52 27.551 54.5 1.418 1400A 2.99 34.43 27.463 62.9 1.751 1500A 2.72 34.59 27.605 49.4 1.479 1500A 2.77 54.49 27.521 57.3 1.621 1600A 2.68 34.61 27.665 49.4 1.479 1500A 2.77 54.49 27.521 57.3 1.621 1700A 2.74 34.67 27.667 45.5 1.592 1700A 2.79 34.66 27.656 49.1 1.886 1700A 2.74 34.67 27.669 41.5 1.696 1600A 2.79 34.66 27.656 45.1 2.006 1800A 2.77 34.70 27.669 41.5 1.696 1800A 2.96 34.72 27.667 41.6 2.061 2000A 2.87 34.75 27.725 38.0 1.698 1900A 2.96 34.72 27.667 41.6 2.061 2000A 2.87 34.78 27.773 35.3 1.747 2000A 2.97 34.75 27.710 39.4 2.115 2100A 2.73 34.82 27.776 33.2 1.685 2200A 3.41 34.89 27.780 32.8 2.217 2200A 2.95 34.83 27.776 33.2 1.685 2200A 3.41 34.89 27.780 32.8 2.217 2300A 2.85 34.85 27.604 30.6 1.939 2400A 3.34 34.91 27.603 30.6 2.267 2400A 2.53 34.85 27.612 29.7 2.030 2600A 2.92 34.88 27.822 29.0 2.315 2600A 2.54 34.85 27.612 29.7 2.030 2600A 2.92 34.88 27.822 28.6 2.363 2600A 2.54 34.85 27.822 29.0 2.119 2800A 2.71 34.87 27.802 29.1 2.410 2700A 2.53 34.82 27.822 29.0 2.119 2800A 2.71 34.87 27.802 29.1 2.410 2700A 2.53 34.82 27.822 29.0 2.119 2800A 2.71 34.87 27.802 27.802 29.0 2.153 2800A 2.17 34.77 27.832 27.9 2.247 3000A 2.94 34.89 27.852 26.0 2.595 2800A 2.17 34.87 27.822 27.9 2.247 3000A 2.94 34.89 27.852 26.0 2.595 2800A 2.17 34.87 27.852 27.9 2.247 3000A 2.71 34.89 27.852 26.0 2.591 2800A 2.17 34.87 27.822 27.9 2.247 3000A 2.71 34.89 27.852 26.0 2.591 2800A 2.17 34.87 27.852 26.5 2.247 3000A 2.71 | | | | | | | | | | | 73 7 | 1.513 |
| 1400A 2.70 34.52 27.551 54.5 1.418 1400A 2.69 34.43 27.463 62.9 1.751 1500A 2.72 34.55 27.605 49.4 1.479 1500A 2.77 34.45 27.521 57.3 1.621 1600A 2.74 34.53 27.525 54.0 1.886 1700A 2.74 34.53 27.556 54.0 1.886 1700A 2.74 34.53 27.556 54.0 1.886 1700A 2.77 34.50 27.607 49.2 1.948 1800A 2.77 34.50 27.607 49.2 1.948 1800A 2.77 34.50 27.607 49.2 1.948 1800A 2.77 34.70 27.667 49.2 1.948 1800A 2.87 34.60 27.657 49.1 2.006 2.87 34.75 27.765 45.1 2.006 2.87 34.75 27.772 35.0 1.698 1900A 2.66 34.72 27.687 41.6 2.061 2.001 2.87 34.78 27.780 33.8 1.797 2000A 2.95 34.75 27.710 39.4 2.115 2.100A 2.93 34.86 27.776 33.2 1.885 2.200A 3.28 34.65 27.760 34.3 2.167 2.200A 2.95 34.85 27.776 33.2 1.885 2.200A 3.48 27.780 32.8 2.217 2.200A 2.85 34.85 27.804 30.6 1.939 2400A 3.38 34.93 27.820 2.90 2.267 2.200A 2.53 34.85 27.812 2.97 2.050 2.600A 2.54 34.85 27.812 2.85 2.85 2.85 2.800A 2.53 34.85 27.812 29.7 2.050 2.600A 2.95 34.85 27.824 28.6 2.363 2.200A 2.35 34.85 27.812 29.7 2.050 2.600A 2.97 34.87 27.829 29.1 2.400A 2.35 34.85 27.824 28.6 2.363 2.200A 2.35 34.85 27.824 28.6 2.365 2.200A 2.35 34.85 27.824 28.6 2.2075 2.2075 2.2076 2.2075 2.2076 | | | | | | | | | | | | |
| 1600A 2.68 34.61 27.625 47.5 1.537 1600A 2.74 34.93 27.556 58.0 1.886 1700A 2.77 34.67 27.667 43.5 1.592 1700A 2.79 34.60 27.650 45.1 2.006 1800A 2.77 34.70 27.689 41.5 1.698 1900A 2.68 34.66 27.650 45.1 2.006 1900A 2.81 34.75 27.770 36.5 1.747 200CA 2.97 34.75 27.710 39.4 2.115 2100A 2.33 34.82 27.770 33.6 1.796 2100A 3.41 34.89 27.764 34.3 2.167 2200A 2.95 34.84 27.793 31.6 1.892 2300A 3.34 34.91 27.803 36.6 2.267 2800A 2.53 34.84 27.793 31.6 1.939 2400A 3.33 34.93 27.820 29.0 2.315 2500A 2.51 34.86 27.604 34.86 27.612 28.9< | | | | | | | | 2.89 | 54.43 | | | |
| 1700A 2.74 34.67 27.667 43.5 1.592 1700A 2.79 34.60 27.607 49.2 1.998 1800A 2.617 34.70 27.689 41.5 1.646 1800A 2.648 34.75 27.650 45.1 2.006 1900A 2.81 34.75 27.725 38.0 1.698 1900A 2.96 34.72 27.687 41.6 2.061 2.000A 2.97 34.75 27.710 39.4 2.115 2.100A 2.93 34.82 27.770 35.8 1.796 2100A 2.95 34.85 27.776 35.2 1.796 2100A 3.25 34.85 27.768 34.3 2.167 2200A 2.95 34.84 27.779 35.8 1.796 2100A 3.25 34.85 27.760 34.3 2.167 2200A 2.85 34.84 27.779 35.6 1.939 2400A 3.34 34.89 27.780 32.8 2.217 2200A 2.85 34.84 27.793 31.6 1.939 2400A 3.35 34.89 27.805 30.6 2.267 2400A 2.82 34.85 27.812 29.7 2.030 2.600A 2.92 34.85 27.818 29.1 2.410 2.000A 2.53 34.64 27.821 28.9 2.075 2700A 2.92 34.85 27.818 29.1 2.410 2.500A 2.11 34.87 27.822 28.5 2.163 2.900A 2.71 34.87 27.825 26.0 2.597 2.000A 2.11 34.77 27.832 27.9 2.247 31.000A 2.11 34.77 27.832 27.9 2.247 31.000A 2.11 34.77 27.832 27.9 2.247 31.000A 2.64 34.89 27.851 26.1 2.597 30.000A 2.11 34.77 27.832 27.9 2.287 30.000A 2.64 34.89 27.852 26.6 2.257 30.000A 2.11 34.77 27.832 27.9 2.247 30.000A 2.64 34.89 27.852 26.6 2.257 30.000A 2.11 34.77 27.832 27.9 2.247 30.000A 2.64 34.89 27.852 26.0 2.597 30.000A 2.11 34.77 27.832 27.9 2.287 30.000A 2.13 34.80 27.852 27.9 2.287 30.000A 2.13 34.80 27.852 | | | | | | | | | 34.49 | | 57.3 | 1.621 |
| 1800A 2.77 34.7U 27.689 41.5 1.646 1800A 2.64 34.66 27.650 45.1 2.006 1900A 2.81 34.75 27.725 38.0 1.698 1900A 2.96 34.75 27.710 39.4 2.115 2100A 2.83 34.82 27.776 33.8 1.796 2100A 2.97 34.75 27.710 39.4 2.115 2100A 2.93 34.82 27.776 33.2 1.845 2200A 3.25 34.65 27.780 32.8 2.167 2200A 2.95 34.83 27.776 33.2 1.845 2200A 3.34 34.65 27.780 32.8 2.217 2300A 2.85 34.84 27.773 31.6 1.932 2300A 3.34 34.91 27.603 30.6 2.267 2200A 2.11 34.64 27.605 30.4 1.985 2400A 3.35 34.93 27.820 29.0 2.315 2500A 2.11 34.84 27.805 30.4 1.985 2500A 3.28 34.85 27.824 28.6 2.365 2.365 2.267 2.260 2.27 2 | | | | | | | | | | | 54.0 | 1.886 |
| 1900A 2.81 34.75 27.725 36.0 1.698 1900A 2.96 34.72 27.687 41.6 2.061 2000A 2.87 34.75 27.760 34.75 27.710 35.8 1.796 2100A 2.97 34.75 27.710 39.4 2.115 2100A 2.93 34.82 27.770 35.8 1.796 2100A 3.25 34.65 27.764 34.3 2.167 2200A 2.85 34.85 27.776 35.2 1.845 220DA 3.41 34.69 27.780 32.8 2.217 2500A 2.85 34.85 27.604 30.6 1.939 24.00A 3.35 34.91 27.605 30.6 2.267 240DA 2.82 34.85 27.604 30.6 1.939 24.00A 3.35 34.93 27.820 29.0 2.315 2500A 2.71 34.84 27.605 30.4 1.985 2500A 3.70 34.93 27.820 29.0 2.315 2500A 2.53 34.85 27.612 29.7 2.030 2600A 2.92 34.88 27.818 29.1 2.410 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5 | | 2.77 | 34.70 | 27.689 | | | | | | | 45.2 | 2.006 |
| 2000A 2,97 34,78 27,743 36,3 1,747 2000A 2,97 34,75 27,710 39,4 2,115 | | 2.81 | | 27.725 | | | | 2.96 | 34.72 | | 41.6 | 2.061 |
| 21004 2,93 34,82 27,770 33.8 1,796 2100A 3.25 34.65 27,764 34,3 2,167 2200A 2,95 34,83 27,776 33.2 1,845 2200A 3.41 34.89 27,780 32,8 2,217 2500A 2,85 34,84 27,793 31.6 1,892 2500A 3.34 34.93 27,820 29,0 2,315 2500A 2,81 34.85 27,864 30.6 1,939 2400A 3.35 34.93 27,820 29,0 2,315 2500A 2,71 34.84 27,805 30.4 1,985 2500A 3.26 34.93 27,824 28.6 2,385 2600A 2,53 34.85 27,812 29,7 2,030 2600A 2,92 34.88 27,818 29,1 2,410 2,700 2,35 34.86 27,821 28.9 2,075 2700A 2,95 34.91 27,840 27,1 2,456 2800A 2,35 34.86 27,821 29.0 2,119 2800A 2,71 34.87 27,829 28,1 2,502 29,0 2,119 2800A 2,71 34.87 27,829 28,1 2,502 29,0 2,119 2800A 2,71 34.87 27,829 28,1 2,502 3000A 2,01 34.79 27,824 28.6 28.5 2,163 2900A 2,74 34.90 27,851 26,1 2,597 3000A 2,01 34.79 27,824 28.6 2,205 3000A 2,64 34.88 27,853 25,9 2,655 3200A 1,71 34.77 27,832 27,9 2,287 3200A 2,33 34.86 27,853 25,9 2,655 3200A 1,71 34.77 27,832 27,9 2,287 3200A 2,33 34.86 27,853 25,9 2,655 3200A 1,71 34.77 27,832 27,9 2,287 3200A 2,33 34.86 27,854 25,8 2,679 3300A 1,47 34,74 27,835 27,6 2,355 34,000 2,01 34.82 27,848 26,3 2,721 3500A 1,34 34,74 27,835 27,6 2,355 34,000 2,01 34.82 27,848 26,3 2,721 3500A 1,21 34,75 27,836 27,5 2,402 3500A 1,60 34,77 27,840 27,1 2,761 3500A 1,03 34,71 27,836 27,5 2,402 3500A 1,03 34,71 27,835 27,6 2,402 3500A 1,04 34,74 27,835 27,6 2,455 3400A 1,04 34,74 27,835 27,5 2,402 3500A 0,75 34,70 27,840 27,1 2,761 3400A 0,97 34,70 27,845 26,7 2,540 3600A 0,97 34,70 27,845 26,7 2,550 3600A 0,97 34,70 27,845 26,0 2,907 34,70 27,845 26,0 2,907 34,70 27,845 26,0 2,907 34,70 27, | | | | | | | | 2.97 | 34.75 | 27.710 | 39.4 | 2,115 |
| 2300A 2,85 34,84 27.793 31,6 1,892 2300A 3,35 34,91 27.803 30,6 2,267 200CA 2,82 34.85 27.804 30,6 1,939 2400A 3,35 34,93 27.8262 29,0 2,335 2500A 2,71 34.84 27.805 30,4 1,985 2500A 2,98 54,98 27.824 28.6 2,363 2600A 2,54 34.65 27.812 29,7 2.030 2600A 2,98 34.88 27.818 29,1 2,410 2600A 2,53 34.84 27.821 28.9 2.075 2700A 2,98 34.88 27.818 29,1 2,410 2800A 2,35 34.84 27.821 28.9 2.075 2700A 2,98 34.84 27.826 27,1 2,456 2800A 2,35 34.84 27.821 28.9 2.075 2700A 2,98 34.84 27.829 26.1 2,507 3000A 2,17 34.87 27.829 26.1 2,507 3000A 2,17 34.87 27.829 26.1 2,507 3000A 2,17 34.87 27.824 28.6 2,205 3000A 2,74 34.90 27.851 26.1 2,507 3000A 2,01 34.79 27.832 27.9 2,247 3100A 2,53 34.86 27.852 26.0 2,591 3100A 1,92 34.79 27.832 27.9 2,247 3100A 2,53 34.86 27.852 26.0 2,591 3200A 1,71 34.77 27.832 27.9 2,247 3100A 2,53 34.86 27.852 26.0 2,591 3300A 1,47 34.74 27.835 27.6 2.365 3000A 2.01 34.82 27.848 26.3 2.721 3300A 1.47 34.74 27.835 27.6 2.365 3400A 1.34 34.74 27.835 27.6 2.365 3400A 1.34 34.74 27.835 27.6 2.365 3400A 1.34 34.74 27.835 27.6 2.365 3400A 1.60 34.77 27.840 27.1 2.761 3500A 1.03 34.73 27.836 27.5 2.402 3500A 1.43 54.75 27.846 27.5 2.799 26.2 2.438 3600A 1.04 34.74 27.835 27.6 2.365 3400A 1.60 34.77 27.840 27.1 2.761 3500A 1.03 34.71 27.836 27.5 2.473 3700A 1.93 34.74 27.837 27.4 2.507 3800A 1.24 34.74 27.832 27.0 2.837 3700A 0.97 34.71 27.836 27.5 2.473 3700A 1.94 34.74 27.842 27.0 2.837 3700A 0.97 34.71 27.836 27.5 2.473 3700A 1.94 34.74 27.842 27.0 2.837 3700A 0.97 34.70 27.845 26.7 2.511 4000A 0.49 34.70 27.849 26.3 2.910 3900A 0.70 34.70 27.845 26.7 2.511 4000A 0.64 34.70 27.849 26.9 2.990 3900A 0.70 34.70 27.845 26.7 2.511 4000A 0.49 34.69 27.851 26.1 2.601 4000A 0.49 34.69 27.855 25.7 3.084 4000A 0.26 34.68 27.855 25.7 3.084 4000A 0.16 34.67 27.855 26.0 2.551 4000A 0.16 34.67 27.855 25.7 3.084 4000A 0.16 34.67 27.855 25.7 3.084 4000 | | 2.93 | | | | | | 3.25 | 34.65 | | | 2.167 |
| 2000A 2.82 34.85 27.804 30.6 1.939 2400A 3.35 34.93 27.820 29.0 2.315 2500A 2.71 34.84 27.805 30.4 1.985 2500A 3.28 54.93 27.824 28.6 2.363 2600A 2.54 34.85 27.812 29.7 2.030 2600A 2.92 34.88 27.818 29.1 2.440 27.1 2.450 27.00A 2.53 34.64 27.621 28.9 2.075 2700A 2.95 34.91 27.840 27.1 2.450 28.00A 2.35 34.62 27.821 29.0 2.119 2800A 2.71 34.87 27.829 26.1 2.502 2900A 2.17 34.81 27.850 28.5 2.163 2900A 2.74 34.90 27.851 26.1 2.502 2900A 2.17 34.87 27.822 27.9 2.119 2800A 2.74 34.90 27.851 26.1 2.502 2900A 2.17 34.87 27.822 27.9 2.247 3100A 2.64 34.89 27.852 26.0 2.591 3100A 1.92 34.79 27.832 27.9 2.247 3100A 2.53 34.86 27.853 25.9 2.655 3200A 1.71 34.77 27.832 27.9 2.247 3200A 2.33 34.86 27.853 25.9 2.655 3200A 1.71 34.77 27.832 27.9 2.287 3200A 2.01 34.82 27.846 26.3 2.721 3400A 1.34 34.74 27.825 28.5 2.527 3500A 2.01 34.82 27.846 26.3 2.721 3400A 1.34 34.74 27.835 27.6 2.365 3400A 1.60 34.77 27.840 27.1 2.761 3500A 1.21 34.73 27.836 27.5 2.402 3500A 1.21 34.73 27.836 27.5 2.402 3500A 1.21 34.73 27.836 27.5 2.473 3700A 1.93 34.74 27.835 27.6 2.473 3700A 1.93 34.74 27.835 27.8 2.473 3700A 1.94 34.74 27.842 27.0 2.857 3700A 1.93 34.71 27.836 27.5 2.473 3700A 1.94 34.74 27.842 27.0 2.857 3700A 1.93 34.70 27.837 27.4 2.507 3800A 1.24 34.74 27.842 27.0 2.857 3700A 0.97 34.71 27.836 27.5 2.473 3700A 0.97 34.70 27.842 26.9 2.473 3700A 0.97 34.70 27.845 26.6 2.907 3900A 0.70 34.70 27.845 26.7 2.571 4000A 0.49 34.69 27.851 26.0 2.857 4000A 0.57 34.69 27.851 26.1 2.551 4000A 0.64 34.70 27.842 26.9 2.940 4000A 0.57 34.69 27.851 26.1 2.601 4100A 0.49 34.69 27.851 26.0 2.657 4000A 0.57 34.69 27.851 26.0 2.657 4000A 0.57 34.69 27.855 25.7 3.084 4000A 0.57 34.69 27.855 26.7 2.551 4000A 0.30 34 34.68 27.852 26.0 3.057 44000A 0.26 34.68 27.855 25.7 3.084 4000A 0.16 34.66 27.856 25.3 3.155 4000A 0.16 34.67 27.855 26.0 2.786 4000A 0.16 34.66 27.856 25.3 3.155 | | 2.95 | 34.83 | | | 1.845 | | | | | | |
| 2500A 2.71 34.84 27.805 30.4 1.985 2500A 3.28 34.93 27.824 28.6 2.365 2600A 2.54 34.88 27.818 27.1 2.410 2800A 2.53 34.88 27.821 28.9 2.075 2700A 2.95 34.91 27.840 27.1 2.410 2800A 2.35 34.82 27.821 28.9 2.075 2700A 2.95 34.91 27.840 27.1 2.496 2800A 2.35 34.82 27.821 29.0 2.119 2800A 2.71 34.87 27.829 26.1 2.597 3000A 2.01 34.79 27.824 28.6 2.205 3000A 2.64 34.89 27.852 26.0 2.591 3100A 1.92 34.79 27.832 27.9 2.247 3100A 2.53 34.86 27.852 26.0 2.591 3100A 1.92 34.79 27.832 27.9 2.247 3100A 2.53 34.86 27.854 25.9 2.655 3200A 1.71 34.77 27.832 27.9 2.287 3200A 2.01 34.82 27.848 26.3 2.721 3200A 1.47 34.74 27.852 28.5 2.527 3200A 2.01 34.82 27.848 26.3 2.721 3200A 1.34 34.74 27.855 27.6 2.365 3400A 1.60 34.77 27.836 27.5 28.5 2.452 3500A 2.01 34.82 27.848 26.3 2.721 3500A 1.21 34.73 27.836 27.5 2.402 3500A 1.43 34.74 27.835 27.9 26.2 2.438 3600A 1.08 34.71 27.836 27.5 2.402 3500A 1.00 34.73 27.836 27.5 2.492 3500A 1.00 34.73 27.836 27.5 2.493 3500A 1.00 34.73 27.840 27.1 27.61 3500A 0.97 34.71 27.837 27.4 2.507 3800A 0.97 34.70 27.842 27.0 2.837 3700A 0.97 34.71 27.835 26.7 2.540 3500A 1.00 34.73 27.842 26.9 2.940 3500A 0.70 34.70 27.845 26.7 2.571 4000A 0.49 34.69 27.855 26.7 2.571 4000A 0.49 34.69 27.855 26.7 2.580 300A 0.30 34.60 27.855 26.7 2.571 4000A 0.49 34.69 27.855 26.7 2.580 300A 0.30 34.60 27.855 26.7 2.571 4000A 0.49 34.69 27.855 26.7 2.571 4000A 0.49 34.69 27.855 26.7 2.571 4000A 0.49 34.69 27.855 25.7 3.084 4000A 0.45 34.69 27.855 26.7 2.571 4000A 0.49 34.69 27.855 25.7 3.084 4000A 0.45 34.69 27.855 26.7 2.571 4000A 0.49 34.69 27.855 25.7 3.084 4000A 0.45 34.69 27.855 26.7 2.571 4000A 0.49 34.69 27.855 25.7 3.084 4000A 0.45 34.68 27.855 25.7 3.084 4000A 0.16 34.68 27.856 25.3 3.155 4000A 0. | | 2.82 | | | 30.6 | 1.939 | | | | | | |
| 2600A 2.54 34.85 27.812 29.7 2.030 2600A 2.92 34.88 27.818 29.1 2.410 27.00 2.53 34.84 27.821 28.9 2.075 2700A 2.95 34.91 27.849 27.1 2.450 28.00 2.35 34.84 27.821 29.0 2.119 2800A 2.71 34.87 27.829 28.1 2.502 2900A 2.17 34.81 27.829 28.1 2.502 2900A 2.17 34.81 27.829 28.1 2.502 2900A 2.17 34.90 27.851 26.1 2.507 3000A 2.01 34.95 27.852 26.0 2.591 3100A 1.92 34.79 27.832 27.9 2.247 3100A 2.53 34.86 27.853 25.9 2.655 3100A 1.71 34.77 27.832 27.9 2.247 3100A 2.53 34.86 27.853 25.9 2.655 200A 1.71 34.77 27.832 27.9 2.247 3100A 2.53 34.86 27.853 25.9 2.655 200A 1.71 34.77 27.832 27.9 2.247 3100A 2.53 34.86 27.853 25.9 2.655 200A 1.71 34.77 27.832 27.9 2.247 3100A 2.53 34.86 27.853 25.9 2.655 25.0 2.679 3300A 1.47 34.74 27.855 28.5 2.327 3300A 2.01 34.82 27.848 26.3 2.721 3400A 1.33 34.74 27.855 27.6 2.365 3400A 1.34 34.77 27.836 27.5 27.6 2.365 3400A 1.23 34.78 27.836 27.5 27.9 28.2 2.488 3600A 1.23 34.74 27.836 27.5 27.9 28.2 2.488 3600A 1.24 34.73 27.836 27.5 2.799 3600A 1.00 34.71 27.829 28.2 2.488 3600A 1.24 34.74 27.832 27.0 2.837 3700A 0.97 34.71 27.836 27.5 2.473 3700A 1.10 34.73 27.845 26.8 2.872 3800A 0.83 34.70 27.837 27.4 2.507 3800A 0.95 34.72 27.845 26.8 2.872 3800A 0.75 34.70 27.845 26.7 2.571 4000A 0.49 34.69 27.850 26.2 3.001 4200A 0.57 34.69 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.2 3.001 4200A 0.57 34.69 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.2 3.001 4200A 0.38 34.68 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.2 3.001 4200A 0.26 34.68 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.2 3.001 4200A 0.26 34.68 27.851 26.1 2.601 4100A 0.49 34.69 27.850 25.7 3.004 4500A 0.26 34.68 27.852 25.7 3.004 4500A 0.26 34.68 2 | | | | 27.805 | | 1.985 | | | | | 28.6 | 2.363 |
| 2700A 2.53 54.84 27.821 29.0 2.119 28.00 2.71 34.87 27.829 28.1 2.502 2800A 2.35 34.82 27.821 29.0 2.119 2800A 2.71 34.87 27.829 28.1 2.502 2800A 2.17 34.81 27.828 28.5 2.163 2900A 2.74 34.90 27.851 26.1 2.502 2800A 2.01 34.79 27.824 28.6 2.205 3000A 2.64 34.89 27.852 28.0 2.551 3100A 1.92 34.79 27.832 27.9 2.247 3100A 2.53 34.86 27.853 25.9 2.655 3200A 1.71 34.77 27.832 27.9 2.247 3200A 2.53 34.86 27.853 25.9 2.655 3200A 1.71 34.77 27.832 27.9 2.247 3200A 2.01 34.82 27.848 26.3 2.679 3300A 1.47 34.77 27.832 27.9 2.287 3200A 2.01 34.82 27.848 26.3 2.721 3400A 1.34 34.74 27.835 27.6 2.355 3400A 1.60 34.77 27.846 26.3 2.721 3400A 1.34 34.74 27.835 27.6 2.355 3400A 1.60 34.77 27.846 26.3 2.721 3400A 1.21 34.73 27.836 27.5 2.462 3500A 1.43 34.74 27.836 27.5 2.799 3600A 1.03 34.71 27.829 26.2 2.438 3600A 1.24 34.74 27.832 27.0 2.837 3700A 0.97 34.71 27.837 27.4 2.507 3800A 0.95 34.72 27.845 26.6 2.879 3800A 0.83 34.70 27.837 27.4 2.507 3800A 0.95 34.72 27.846 26.6 2.879 3800A 0.70 34.70 27.845 26.7 2.540 3900A 0.75 34.70 27.842 26.9 2.940 4000A 0.57 34.69 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.9 2.940 4200A 0.36 34.68 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.2 3.001 4200A 0.36 34.68 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.2 3.001 4200A 0.36 34.68 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.2 3.001 4200A 0.36 34.68 27.851 26.1 2.601 4100A 0.49 34.69 27.855 25.7 3.084 4800A 0.16 34.67 27.855 25.7 2.684 4400A 0.26 34.68 27.855 25.7 3.084 4800A 0.17 34.67 27.851 26.1 2.657 4500A 0.16 34.68 27.855 25.7 3.084 4800A 0.16 34.67 27.851 26.1 2.736 4600A 0.16 34.68 27.855 25.7 3.084 4800A 0.16 34.67 27.851 26.1 2.736 4600A 0.16 34.68 27.855 25.7 3.084 4800A 0.16 34.67 27.855 26.0 2.788 4600A 0.16 34.68 27.855 25.7 3.084 4800A 0.16 34.67 27.852 26.0 2.788 4600A 0.16 34.68 27.855 25.3 3.155 5000A 0.16 34.67 27.851 26.0 2.889 | | | | 27.812 | 29.7 | 2.030 | | | 34.88 | | 29.1 | 2.410 |
| 2900A 2.17 34.61 27.688 28.5 2.163 2900A 2.74 34.90 27.851 26.0 2.597 3000A 2.01 34.79 27.852 26.0 2.591 3100A 1.92 34.79 27.832 27.9 2.247 3100A 2.53 34.88 27.853 25.9 2.655 3200A 1.71 34.77 27.632 27.9 2.247 3200A 2.33 34.86 27.854 25.8 2.67 3300A 1.47 34.77 27.632 27.9 2.247 3200A 2.01 34.82 27.848 25.8 2.679 3300A 1.47 34.77 27.632 27.9 2.287 3200A 2.01 34.82 27.848 25.8 2.679 3300A 1.47 34.74 27.825 28.5 2.527 3500A 2.01 34.82 27.848 25.8 2.672 3400A 1.34 34.74 27.835 27.6 2.365 3400A 1.60 34.77 27.840 27.1 2.761 3500A 1.21 34.73 27.836 27.5 2.402 3500A 1.43 54.74 27.836 27.5 2.493 3500A 1.43 54.74 27.832 27.0 2.887 3500A 1.03 34.71 27.829 28.2 2.438 3600A 1.24 34.74 27.832 27.0 2.887 3700A 0.97 34.71 27.836 27.5 2.473 3700A 0.97 34.71 27.836 27.5 2.473 3700A 0.95 34.72 27.845 26.8 2.872 3800A 0.64 34.70 27.842 26.9 2.940 3900A 0.70 34.70 27.845 26.7 2.570 3900A 0.75 34.70 27.845 26.8 2.872 3800A 0.57 34.69 27.851 26.1 2.551 4000A 0.64 34.70 27.849 26.9 2.940 4000A 0.57 34.69 27.851 26.1 2.551 4000A 0.64 34.70 27.849 26.9 2.940 4000A 0.57 34.69 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.2 3.001 4200A 0.38 34.68 27.851 26.1 2.651 4000A 0.49 34.69 27.850 26.2 3.001 4200A 0.35 34.68 27.851 26.0 2.657 4500A 0.31 34.68 27.852 26.0 3.057 4500A 0.25 34.68 27.855 25.7 3.084 4000A 0.26 34.68 27.855 25.7 3.084 4000A 0.16 34.67 27.855 25.7 3.084 4000A 0.16 34.67 27.855 25.7 3.084 4000A 0.16 34.67 27.855 25.7 3.084 4000A 0.16 34.68 27.855 25.3 3.155 3.155 3000A 0.16 34.67 27.855 26.0 2.788 4000A 0.16 34.68 27.855 25.3 3.155 3.155 3000A 0.16 34.67 27.855 26.0 2.788 4000A 0.16 34.68 27.855 25.3 3.155 3.155 3000A 0.16 34.67 27.855 26.0 2.788 4000A 0.16 34.68 27.855 25.3 3.155 3.155 3000A 0.16 34.67 27.855 26.0 2.788 4000A 0.16 34.68 27.856 25.3 3.155 3.155 3000A 0.16 34.67 27.855 26.0 2.788 4000A 0.16 34.68 27.856 25.3 3.155 3000A 0.16 34.66 27.85 | | | | | 28.9 | | | | 34.91 | | 27.1 | 2.456 |
| 3000A 2.01 34.79 27.824 28.6 2.205 3000A 2.64 34.89 27.852 26.0 2.591 3100A 1.92 34.79 27.832 27.9 2.247 3100A 2.63 34.88 27.853 25.9 2.655 3200A 1.71 34.77 27.832 27.9 2.287 3200A 2.33 34.86 27.853 25.9 2.657 3300A 1.47 34.74 27.852 28.5 2.327 3300A 1.47 34.74 27.852 28.5 2.327 3300A 1.47 34.74 27.855 27.6 2.365 3400A 2.01 34.82 27.846 26.3 2.721 2.761 3500A 1.34 34.74 27.835 27.6 2.365 3400A 1.60 34.77 27.836 27.5 2.402 3500A 1.60 34.77 27.836 27.5 2.799 3600A 1.08 34.71 27.829 28.2 2.438 3600A 1.24 34.74 27.836 27.5 2.799 3600A 1.08 34.71 27.836 27.5 2.473 3700A 1.10 34.73 27.843 26.8 2.872 3800A 0.97 34.71 27.836 27.5 2.473 3700A 0.97 34.71 27.842 27.0 2.887 3800A 0.97 34.71 27.836 27.5 2.473 3700A 0.97 34.70 27.845 26.8 2.872 3800A 0.70 34.70 27.845 26.7 2.570 3800A 0.95 34.72 27.845 26.8 2.872 3800A 0.70 34.70 27.845 26.7 2.570 3800A 0.95 34.72 27.845 26.8 2.990 4000A 0.57 34.69 27.855 26.7 2.571 4000A 0.64 34.70 27.842 26.9 2.940 4000A 0.57 34.69 27.855 26.7 2.571 4000A 0.69 34.70 27.849 26.3 2.911 4100A 0.47 34.69 27.855 26.7 2.571 4000A 0.50 34.60 27.850 26.2 3.001 4200A 0.35 34.68 27.855 25.7 26.4 400A 0.35 34.68 27.855 25.7 3.050 4200A 0.35 34.68 27.855 25.7 3.050 4200A 0.35 34.68 27.855 25.7 3.050 4200A 0.25 34.68 27.855 25.7 3.050 4200A 0.15 34.68 27.855 25.7 3.050 4200A 0.16 3 | | | | | | | | | 34.87 | 27.829 | 28,1 | 2.502 |
| \$100A 1,92 34,79 27,832 27,9 2,247 3100A 2,53 34,88 27,853 25,9 2,655 3200A 1,71 34,77 27,832 27,9 2,287 3200A 2,01 34,82 27,848 25,8 2,679 3300A 1,47 34,74 27,825 26,5 2,527 3500A 2,01 34,82 27,848 26,3 2,721 3400A 1,34 34,74 27,835 27,6 2,402 3500A 1,43 34,74 27,836 27,5 2,402 3500A 1,43 34,74 27,836 27,5 2,799 3600A 1,08 34,71 27,829 26,2 2,438 3600A 1,24 34,74 27,832 27,0 2,887 3700A 0,97 34,71 27,836 27,5 2,473 3700A 1,10 34,73 27,842 27,0 2,887 3700A 0,97 34,71 27,837 27,4 2,507 3800A 0,95 34,72 27,845 26,6 2,977 3900A 0,70 34,70 27,837 27,4 2,507 3800A 0,95 34,72 27,845 26,6 2,977 3900A 0,70 34,70 27,845 26,7 2,571 4000A 0,67 34,70 27,842 26,9 2,940 4000A 0,57 34,69 27,845 26,7 2,571 4000A 0,64 34,70 27,842 26,9 2,940 4000A 0,57 34,69 27,851 26,1 2,571 4000A 0,64 34,70 27,849 26,3 2,971 4100A 0,47 34,69 27,851 26,1 2,601 4100A 0,49 34,69 27,850 26,2 3,001 4200A 0,38 34,68 27,851 26,0 2,657 4300A 0,38 34,68 27,852 26,0 3,057 4400A 0,25 34,68 27,851 26,0 2,657 4300A 0,35 34,68 27,852 26,0 3,057 4400A 0,26 34,68 27,852 26,0 3,057 4400A 0,26 34,68 27,851 26,0 2,657 4300A 0,22 34,68 27,852 25,7 3,084 4400A 0,26 34,68 27,855 25,7 3,084 4400A 0,26 34,68 | | | 34.79 | | | | | | | | 26.1 | |
| 3200A 1.71 34.77 27.832 27.9 2.287 3200A 2.33 34.86 27.854 25.6 2.679 3300A 1.47 34.74 27.825 28.5 2.527 3500A 2.01 34.82 27.848 26.3 2.721 3400A 1.34 34.74 27.835 27.6 2.365 3400A 1.60 34.77 27.840 27.1 2.761 3500A 1.21 34.73 27.836 27.5 24.92 3500A 1.43 54.75 27.836 27.5 2.799 3500A 1.08 34.71 27.829 26.2 2.438 3600A 1.24 34.74 27.892 27.0 2.837 3700A 0.97 34.71 27.836 27.5 2.473 3700A 1.10 34.73 27.842 27.6 2.827 3800A 0.95 34.72 27.845 26.8 2.872 3800A 0.83 34.70 27.837 27.4 2.507 3800A 0.95 34.72 27.845 26.6 2.997 3900A 0.70 34.70 27.845 26.7 2.571 4000A 0.57 34.69 27.842 26.9 2.990 40.040 0.57 34.69 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.2 3.971 4100A 0.47 34.69 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.2 3.091 4200A 0.35 34.86 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.2 3.091 4200A 0.35 34.86 27.851 26.1 2.601 4100A 0.37 34.69 27.850 26.2 3.091 4200A 0.35 34.86 27.851 26.0 2.657 4300A 0.31 34.68 27.852 26.0 3.057 4400A 0.26 34.86 27.855 25.7 3.084 4400A 0.26 34.68 27.855 25.7 3.084 4400A 0.26 34.68 27.856 25.7 3.084 4400A 0.16 34.67 27.856 25.7 3.084 4400A 0.16 34.67 27.856 25.7 3.084 4400A 0.16 34.67 27.856 25.7 3.084 4400A 0.16 34.68 27.856 25.7 3.084 4400A 0.16 34.67 27.856 25.7 3.084 4400A 0.16 34.68 27.856 25.7 3.084 4400A 0.16 34.67 27.856 25.0 27.864 4400A 0.16 34.68 27.856 25.7 3.084 4800A 0.16 34.68 27.856 25.7 3.084 4800A 0.16 34.68 27.856 25.2 3.110 4800A 0.16 34. | | | 34.79 | | | 2.247 | | | | | | |
| 3300A 1,47 34,74 27.825 28,5 2.327 3500A 2.01 34,82 27,846 26,3 2,721 3500A 1.34 34.74 27.835 27,6 2.365 3400A 1.60 34.77 27,840 27,1 2.761 3500A 1.21 34.73 27.836 27.5 2.402 3500A 1.43 54.75 27.836 27.5 2.799 3600A 1.08 34.71 27.836 27.5 2.492 3500A 1.10 34.73 27.842 27.0 2.857 3700A 0.97 34.71 27.836 27.5 2.473 3700A 1.10 34.73 27.843 26.8 2.872 3800A 0.97 34.71 27.837 27.4 2.507 3800A 0.95 34.72 27.845 26.6 2.907 3900A 0.70 34.70 27.845 26.7 2.540 3900A 0.75 34.70 27.842 26.9 2.940 4000A 0.57 34.69 27.855 26.7 2.571 4000A 0.64 34.70 27.849 26.3 2.911 4100A 0.47 34.69 27.855 26.7 2.571 4000A 0.64 34.70 27.849 26.3 2.911 4100A 0.47 34.69 27.856 26.4 2.601 4100A 0.49 34.69 27.857 25.6 3.030 4300A 0.35 34.68 27.856 27.851 26.1 4100A 0.49 34.69 27.857 25.6 3.030 4300A 0.35 34.68 27.855 25.7 2.684 4000A 0.35 34.68 27.852 26.0 3.057 4400A 0.26 34.68 27.855 25.7 2.684 4000A 0.26 34.68 27.855 25.7 3.084 4000A 0.26 34.68 27.855 25.7 3.084 4000A 0.26 34.68 27.855 25.7 3.084 4000A 0.16 34.68 27.855 25.7 3.084 4000A 0.17 34.67 27.851 26.1 2.736 4600A 0.18 34.68 27.855 25.7 3.084 4000A 0.18 34.68 27.855 25.7 3.084 4000A 0.16 34.67 27.851 26.1 2.736 4600A 0.16 34.68 27.855 25.3 3.135 4000A 0.17 34.67 27.852 26.0 2.788 4000A 0.16 34.68 27.855 25.3 3.135 4000A 0.17 34.67 27.852 26.0 2.788 4000A 0.16 34.68 27.855 25.3 3.135 4000A 0.16 34.67 27.852 26.0 2.788 4000A 0.16 34.68 27.855 25.3 3.135 4000A 0.16 34.67 27.852 26.0 2.788 4000A 0.16 34.68 27.850 25.2 3.186 4000A 0.16 34.67 27.852 26.0 2.788 4000A 0.16 34.68 27.850 25.2 3.185 4000A 0.16 34.67 27.852 26.0 2.788 4000A 0.16 34.68 27.850 25.2 3.185 4000A 0.16 34.67 27.852 26.0 2.788 4000A 0.16 34.68 27.850 25.2 3.185 4000A 0.16 34.67 27.852 26.0 2.788 4000A 0.16 34.68 27.850 25.2 3.185 4000A 0.16 34.67 27.852 26.0 2.788 4000A 0.16 34.68 27.850 25.2 3.185 4000A 0.16 34.67 27.852 26.0 2.788 4000A 0.16 34.68 27.850 25.2 3.185 4000A 0.16 34.67 27.852 26.0 2.788 4000A 0.16 34.68 27.850 25.2 3.185 4000A 0.16 34.68 27.850 25.2 3.185 4000A 0.16 34.68 27.850 25.2 3.185 4000A 0.16 34.6 | | | | | | 2.287 | 3200A | | 34.86 | 27.854 | 25.8 | 2,679 |
| 35004 1.21 34.73 27.836 27.5 2.402 35.00 1.43 54.75 27.836 27.5 2.799 36004 1.08 34.71 27.836 27.5 2.438 36004 1.24 34.74 27.842 27.0 2.857 37004 0.97 34.71 27.836 27.5 2.473 37004 1.10 34.73 27.845 26.8 2.872 38004 0.83 34.70 27.837 27.4 2.507 38004 0.95 34.72 27.845 26.6 2.907 39004 0.70 34.70 27.845 26.7 2.540 39004 0.75 34.70 27.842 26.9 2.940 40004 0.57 34.69 27.845 26.7 2.571 40004 0.64 34.70 27.849 26.3 2.971 41004 0.47 34.69 27.851 26.1 2.601 41004 0.64 34.69 27.850 26.2 3.001 42004 0.38 34.68 27.851 26.1 2.601 41004 0.49 34.69 27.857 25.6 3.030 43004 0.33 34.68 27.851 26.0 2.657 43004 0.37 34.69 27.852 26.0 3.057 44004 0.22 34.68 27.855 25.7 2.684 44004 0.26 34.68 27.852 26.0 3.057 45004 0.22 34.68 27.857 25.5 2.710 45004 0.26 34.68 27.852 26.0 3.057 47004 0.13 34.68 27.857 25.5 2.710 45004 0.26 34.68 27.852 25.7 3.084 47004 0.13 34.67 27.851 26.1 2.736 46004 0.26 34.68 27.852 25.7 3.084 47004 0.13 34.67 27.851 26.1 2.736 46004 0.16 34.68 27.853 25.9 3.185 48004 0.17 34.67 27.852 26.0 2.788 48004 0.16 34.68 27.853 25.9 3.185 48004 0.16 34.67 27.852 26.0 2.788 48004 0.16 34.68 27.853 25.9 3.185 48004 0.16 34.67 27.852 26.0 2.788 48004 0.16 34.68 27.853 25.2 3.186 49004 0.16 34.67 27.852 26.0 2.788 48004 0.16 34.68 27.860 25.2 3.186 49004 0.16 34.67 27.852 26.0 2.788 | | 1.47 | 34.74 | 27.825 | | | | | | | 26.3 | 2.721 |
| 3600A 1,08 34,71 27,829 26,2 2,438 3600A 1,24 34,74 27,842 27,0 2,837 3700A 0,97 34,71 27,836 27,5 2,473 3700A 1,10 34,73 27,845 26,6 2,977 3900A 0,70 34,70 27,845 26,7 2,540 3900A 0,75 34,70 27,842 26,9 2,940 4,000A 0,57 34,69 27,845 26,7 2,571 4000A 0,64 34,70 27,849 26,3 2,971 4100A 0,47 34,69 27,845 26,1 2,571 4000A 0,64 34,70 27,849 26,3 2,971 4100A 0,47 34,69 27,851 26,1 2,601 4100A 0,49 34,69 27,850 26,2 8,001 4200A 0,38 34,68 27,851 26,0 2,657 4300A 0,31 34,68 27,852 26,0 3,057 4400A 0,22 34,68 27,851 26,0 2,657 4300A 0,31 34,68 27,852 26,0 3,057 4400A 0,22 34,68 27,855 25,7 3,084 4400A 0,26 34,68 27,855 25,7 3,084 4400A 0,16 34,67 27,855 25,9 3,151 4400A 0,16 34,67 27,855 25,0 3,155 25,0 3 | | 1.34 | | 27.835 | 27.6 | | | | | | 27.1 | 2.761 |
| 3700A 0,97 34,11 27.036 27,5 3700A 1.10 34,73 27.843 26,8 2.872 3800A 0.95 34.72 27.844 26,6 2.972 3900A 0.70 34.70 27.885 26,7 2.590 3900A 0.75 34.70 27.842 26.9 2.990 40.00 0.57 34.69 27.845 26.7 2.571 4000A 0.57 34.69 27.849 26.3 2.971 4100A 0.47 34.69 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.2 3.071 4200A 0.38 34.68 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.2 3.001 4200A 0.35 34.68 27.851 26.0 2.657 4300A 0.31 34.68 27.852 26.0 3.057 4400A 0.26 34.68 27.855 25.7 3.084 4400A 0.16 34.67 27.855 25.7 3.084 4500A 0.17 34.67 27.855 25.7 3.084 4500A 0.18 34.68 27.855 25.7 3.084 4500A 0.18 34.67 27.855 25.9 3.110 4500A 0.18 34.67 27.855 25.9 3.110 4500A 0.16 34.67 27.855 25.9 25.10 4500A 0.16 34.68 27.856 25.3 3.155 25.9 25.10 4500A 0.16 34.67 27.855 25.9 25.10 4500A 0.16 34.67 27.855 25.9 25.10 25.10 4500A 0.16 34.67 27.855 25.9 25.10 25.10 4500A 0.16 34.67 27.855 25.9 25.10 25.10 25.10 4500A 0.16 34.67 27.855 25.9 25.10 | | | | | | | | | | | 27.5 | 2.799 |
| 3800A 0.83 34.70 27.837 27.4 2.507 3800A 0.95 34.72 27.846 26.6 2.907 3900A 0.70 34.70 27.845 26.7 2.540 3900A 0.75 34.70 27.849 26.9 2.940 4000A 0.57 34.69 27.845 26.7 2.571 4000A 0.49 34.69 27.850 26.2 8.001 4100A 0.49 34.69 27.850 26.2 8.001 4100A 0.49 34.69 27.850 26.2 8.001 4300A 0.38 34.68 27.851 26.0 2.657 4200A 0.35 34.68 27.851 26.0 2.657 4200A 0.35 34.68 27.852 26.0 3.057 4400A 0.26 34.68 27.851 26.0 2.657 4300A 0.31 34.68 27.855 25.7 3.084 4400A 0.26 34.68 27.855 25.7 3.084 4500A 0.20 34.68 27.855 25.7 3.084 4500A 0.15 34.67 27.851 26.1 2.736 4500A 0.16 34.68 27.855 25.9 3.151 4700A 0.17 34.67 27.851 26.1 2.736 4500A 0.16 34.68 27.855 25.9 3.151 4700A 0.16 34.67 27.852 26.0 2.788 4800A 0.16 34.68 27.850 25.2 3.186 4900A 0.17 34.67 27.852 26.0 2.788 4800A 0.16 34.68 27.860 25.2 3.186 4900A 0.16 34.68 27.860 25.2 3.186 | | | | | | | | | 34.73 | | | 2.872 |
| 40004 0.57 34.69 27.845 26.1 2.571 40004 0.64 54.70 27.849 26.3 2.971 4100A 0.47 34.69 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.2 5.001 4200A 0.35 34.68 27.852 26.0 2.657 4300A 0.37 34.69 27.857 25.6 3.030 4300A 0.32 34.68 27.855 25.7 2.684 400A 0.31 34.68 27.852 26.0 3.057 4500A 0.26 34.68 27.855 25.7 3.084 4500A 0.22 34.68 27.855 25.7 3.084 4500A 0.22 34.68 27.855 25.7 3.084 4500A 0.21 34.68 27.852 26.0 3.050 4500A 0.21 34.68 27.855 25.7 3.084 4500A 0.19 34.67 27.851 26.1 2.736 4600A 0.18 34.68 27.859 25.3 3.135 4700A 0.18 34.67 27.851 26.1 2.736 4700A 0.18 34.68 27.859 25.9 3.181 4700A 0.18 34.67 27.852 26.0 2.788 4800A 0.16 34.68 27.860 25.2 3.186 4900A 0.16 34.67 27.852 26.0 2.788 4800A 0.16 34.68 27.860 25.2 3.186 4900A 0.16 34.68 27.860 25.2 3.186 | 3H00A | 0.83 | 34.70 | 27.837 | | 2,507 | | 0.95 | 34.72 | | | |
| 4100A 0.47 34.69 27.851 26.1 2.601 4100A 0.49 34.69 27.850 26.2 3.001 4200A 0.36 34.68 27.851 26.0 2.657 4200A 0.37 34.69 27.857 25.6 3.037 4400A 0.26 34.68 27.855 26.0 3.057 4400A 0.26 34.68 27.855 25.7 3.084 4400A 0.26 34.68 27.855 25.7 3.084 4400A 0.26 34.68 27.855 25.7 3.084 4500A 0.21 34.68 27.855 25.7 3.084 4500A 0.22 34.68 27.855 25.7 3.084 4500A 0.26 34.68 27.855 25.7 3.084 4500A 0.26 34.68 27.855 25.7 3.084 4500A 0.26 34.68 27.855 25.7 3.084 4500A 0.16 34.66 27.859 25.3 3.155 4700A 0.18 34.67 27.851 26.1 2.736 4600A 0.18 34.68 27.859 25.3 3.155 4700A 0.17 34.67 27.852 26.0 2.788 4800A 0.16 34.67 27.853 25.9 3.161 4900A 0.16 34.67 27.852 26.0 2.788 4800A 0.16 34.68 27.860 25.2 3.186 4900A 0.16 34.67 27.852 26.0 2.884 4900A 0.16 34.68 27.860 25.2 3.186 4900A 0.16 34.67 27.852 26.0 2.884 4900A 0.16 34.68 27.860 25.2 3.186 4900A 0.16 34.68 27.860 25.2 3.211 | | | 34.70 | | | | | 0.75 | 34.70 | 27.842 | 26.9 | 2.940 |
| 4200A 0.36 34.68 27.848 26.4 2.629 4200A 0.37 34.69 27.857 25.6 3.030 4300A 0.32 34.68 27.852 26.0 2.657 4300A 0.31 34.68 27.852 25.7 3.084 4500A 0.26 34.68 27.855 25.7 3.084 4500A 0.22 34.68 27.855 25.7 3.084 4500A 0.22 34.68 27.855 25.7 3.084 4500A 0.21 34.68 27.855 25.7 3.084 4500A 0.21 34.68 27.859 25.3 3.135 4600A 0.19 34.67 27.851 26.1 2.736 4500A 0.18 34.68 27.859 25.3 3.135 4700A 0.18 34.67 27.851 26.1 2.736 4700A 0.15 34.67 27.853 25.9 3.181 4400A 0.17 34.67 27.852 26.0 2.788 4800A 0.16 34.68 27.860 25.2 3.186 4900A 0.16 34.68 27.860 25.2 3.186 | | 0.57 | | | | | | | | | | |
| 4300A 0.32 34.68 27.851 26.0 2.657 4300A 0.31 34.68 27.852 26.0 3.057 4400A 0.26 34.68 27.855 25.7 3.084 4400A 0.26 34.68 27.855 25.7 3.084 4500A 0.20 54.68 27.855 25.7 3.084 4500A 0.19 34.67 27.851 26.1 2.736 4600A 0.18 34.68 27.856 25.4 3.110 4600A 0.19 34.67 27.851 26.1 2.736 4600A 0.18 34.66 27.859 25.3 3.135 4700A 0.18 34.67 27.852 26.0 2.788 4800A 0.16 34.68 27.860 25.2 3.186 4900A 0.16 34.67 27.852 26.0 2.788 4800A 0.16 34.68 27.860 25.2 3.186 4900A 0.16 34.68 27.860 25.2 3.186 | | 0.47 | | 27.851 | | | | | | | | |
| 4400A 0.26 34.68 27.855 25.7 2.684 4400A 0.26 34.68 27.855 25.7 3.084 4500A 0.22 34.68 27.857 25.5 2.710 4500A 0.20 34.68 27.856 25.4 3.110 4600A 0.18 34.67 27.851 26.1 2.736 4600A 0.18 34.68 27.859 25.3 3.135 4700A 0.18 34.67 27.851 26.1 2.762 4700A 0.15 34.67 27.853 25.9 3.181 4900A 0.17 34.67 27.852 26.0 2.788 4800A 0.16 34.68 27.860 25.2 3.186 4900A 0.16 34.67 27.852 26.0 2.814 4900A 0.16 34.68 27.860 25.2 5.211 | | | | | | | | | | | | |
| 4500A 0.22 34.68 27.857 25.5 2.710 4500A 0.20 54.68 27.858 25.4 3.110 4500A 0.19 34.66 27.859 25.3 3.135 4700A 0.18 34.67 27.851 26.1 2.736 4700A 0.15 34.67 27.853 25.9 3.151 4400A 0.17 34.67 27.852 26.0 2.788 4800A 0.16 34.68 27.860 25.2 3.186 4900A 0.16 34.68 27.860 25.2 3.186 27.860 25.2 28.2 28.2 28.2 28.2 28.2 28.2 28.2 | 4400A | 0.26 | 34.68 | 27.855 | | | | | 34.68 | 27.855 | 25.7 | |
| 4600A 0.19 54.67 27.651 26.1 2.736 4600A 0.18 34.68 27.859 25.3 3.135 4700A 0.18 34.67 27.851 26.1 2.762 4700A 0.15 34.67 27.852 25.9 3.161 4900A 0.17 34.67 27.852 26.0 2.788 4800A 0.16 34.68 27.860 25.2 3.186 4900A 0.16 34.67 27.852 26.0 2.814 4900A 0.16 34.68 27.860 25.2 3.186 27.860 0.16 34.68 27.860 25.2 3.186 | 4500A | | 34.68 | 27.857 | 25.5 | 2.710 | 4500A | 0.20 | 34.68 | 27.858 | 25.4 | 3.110 |
| 4900A 0.17 34.67 27.852 26.0 2.788 4800A 0.16 34.68 27.860 25.2 3.186 4900A 0.16 34.67 27.852 26.0 2.814 4900A 0.16 34.68 27.860 25.2 5.211 5000A 0.16 34.68 27.860 25.2 2.839 | | | | | 26.1 | | | | 34.68 | | 25.3 | |
| 4900A 0.16 54.67 27.652 26.0 2.814 4900A 0.16 34.68 27.860 25.2 3.211 5000A 0.16 34.68 27.860 25.2 2.839 | | | | | 26.1 | | | | | 27.853 | 25.9 | 3.161 |
| 50004 0.16 34.68 27.860 25.2 2.839 | 4900A | | 34.67 | | | | | | | | 25.2 | 3.186 |
| | | | | 27.860 | 25.2 | 2.839 | 4,00A | 0.16 | 24.60 | £7.000 | 63.6 | 3.611 |
| | 5100A | | | | 26.0 | | | | | | | |

| | 30 10.05 | | 1100E 21.8W | | AY/YR 2/72 | | ENGER 1536 | TIME | 80110M | 276 | SPEED 19KT | WEATHER 1 | DOWIN. | ANT WAVES | |
|-------|----------|--------|----------------|------|---------------|-----|---------------|-------|--------|-------|---------------|--------------|--------|-----------|-------|
| Z | T | s | 02 | P04 | \$103 | NO2 | NO3 | DT | Z | T | s | 02 | 5161 | DT | DD |
| 0 | 21.12 | 36.049 | 5.22 | 0.01 | | | 0.0 | 270.2 | 0 | 21.12 | 36.049 | 5.22 | 25,277 | 270.2 | 0.000 |
| 10 | 21.10 | 36.045 | 5.21 | 0.00 | 0.8 | | 0.0 | 270.0 | 10 | 21.10 | 36.045 | 5.21 | 25.280 | 270.0 | 0.027 |
| 51 | 20.94 | 36.090 | 5,26 | 0.01 | | | 0.0 | 262.6 | 20 | 21.06 | 36.054 | 5.22 | 25,299 | 268.2 | 0.054 |
| 62 | 19.88 | 36,230 | 5.42 | 0.01 | 1.0 | | 0.0 | 225.4 | 30 | 21.02 | 36.065 | 5.23 | 25.318 | 266.4 | 0.081 |
| 103 | 17.60 | 35,890 | 5.45 | 0.09 | | | 0.0 | 195.0 | 50 | 20.94 | 36.087 | 5.26 | 25.356 | 262.8 | 0.134 |
| 134 | 16,91 | 35,807 | 5.28 | 0.18 | 1.3 | | 0.7 | 185.2 | 75 | 18.93 | 36.038 | 5.43 | 25.850 | 215.8 | 0.194 |
| 165 | 16.05 | 35,683 | 5.10 | 0.34 | | | 3.0 | 175.1 | 100 | 17.70 | 35.889 | 5.45 | 26.045 | 197.2 | 0.247 |
| 207 | 15.46 | 35,640 | 5.14 | 0.35 | 1.7 | | 3.8 | 165.5 | 125 | 17.07 | 35.826 | 5.34 | 26,148 | 187.5 | 0.296 |
| 259 | 14.90 | 35,582 | 5.06 | 0.47 | | | 5.5 | 157.9 | 150 | 16.45 | 35.739 | 5.18 | 26.228 | 179.9 | 0.343 |
| 311 | 14.33 | 35,508 | 5.07 | 0.53 | 2.4 | | 6.7 | 151.6 | 200 | 15.53 | 35.642 | 5.13 | 26.366 | 166.8 | 0.432 |
| 415 | 12.82 | 35,253 | 4.96 | 0.75 | | | 10.4 | 140.5 | 250 | 14.99 | 35.592 | 5.08 | 26.448 | 159.0 | 0.517 |
| 519 | 10.84 | 34.950 | 4.83 | 1.08 | 6.0 | | 15.7 | 127.1 | 300 | 14.46 | 35.525 | 5.07 | 26.513 | 152.8 | 0.599 |
| 571 | 9.45 | 34.765 | 4.82 | 1.28 | | | 19.4 | 117.7 | 400 | 13.07 | 35.295 | 4.98 | 26.626 | 142.1 | 0.757 |
| 622 | 8.16 | 34.617 | 4.86 | 1.46 | 10.2 | | 22.2 | 109.6 | 500 | 11.26 | 35.010 | 4.65 | 26.755 | 129.9 | 0.904 |
| 725 | 5.95 | 34.385 | 5.28 | 1.68 | 13.9 | | 25.8 | 97.7 | 600 | 8.69 | 34.678 | 4.84 | 26.934 | 112.9 | 1.037 |
| 826 | 4.58 | 34,271 | 5.66 | 1.83 | 17.6 | | 27.7 | 90.9 | 700 | 6.43 | 34.432 | 5.16 | 27.070 | 100.1 | 1.154 |
| 927 | 4.02 | 34.287 | 5.37 | | 25.6 | | 30.5 | 84.0 | 800 | 4.86 | 34.291 | 5.60 | 27.151 | 92.4 | 1.260 |
| 1101A | | 34.352 | 4.88 | 2.10 | 38.8 | | 31.4 | 72.6 | 1000 | 3.69 | 34.309 | 5.15 | 27,290 | 79.2 | 1.448 |
| 1203A | 3.10 | 34.420 | 4.66 | 2.10 | 45.0 | | 32.2 | 65.4 | 1200 | 3.10 | 34.418 | 4.67 | 27.433 | 65.6 | 1.610 |
| 1306A | 3.00 | 34.476 | 4.49 | 2.05 | 50.7 | | 32,1 | 60.3 | 1560 | 2.85 | 34.606 | 4.46 | 27.605 | 49.3 | 1.809 |
| 1409A | | 34.546 | 4.41 | 2.14 | 54.8 | | 32.4 | 53.9 | 1750 | 2.91 | 34.743 | 4.79 | 27.710 | 39.5 | 1.947 |
| 1562A | 2.85 | 34.640 | 4.50 | 2.00 | 54.9 | | 31.8 | 46.7 | 2000 | 2.97 | 34.828 | 5.18 | 27.773 | 33.5 | 2.070 |
| 1715A | 2.90 | 34.727 | 4.74 | 1.79 | 50.7 | | 28.1 | 40.5 | 2250 | 3.00 | 34.888 | 5.56 | 27.818 | 29.2 | 2,186 |
| 1921A | | 34.802 | 5.04 | 1.70 | 46.2 | | 26.1 | 35.3 | 2500 | 2.97 | 34.914 | 5.76 | 27.842 | 26.9 | 2.298 |
| 2227A | 3.00 | 34.885 | 5.54 | 1.34 | 35.7 | | 21.4 | 29.5 | 2750 | 2.90 | 34.925 | 5.87 | 21.857 | 25.4 | 2.408 |
| 2432A | | 34.908 | 5.70 | 1.31 | 32.6 | | 20.4 | 27.5 | 3000 | 2.77 | 34.921 | 5.88 | 27.865 | 24.7 | 2.518 |
| 2636A | 2.95 | 34.926 | 5.86 | 1.30 | 29.5 | | 20.0 | 25.9 | 3250 | 2.55 | 34.907 | 5.88 | 27.873 | 24.0 | 2.627 |
| 2841A | 2.85 | 34.925 | 5.87 | 1.31 | 30.6 | | 20.1 | 25.2 | 3500 | 2.18 | 34.871 | 5.81 | 27.876 | 23.7 | 2,732 |
| 3045A | 2.74 | 34,920 | 5.88 | 1.29 | 33.2 | | 19.9 | 24.6 | 3750 | 1.70 | 34.820 | 5.61 | 27.873 | 23.9 | 2.830 |
| 3250A | 2.55 | 34.907 | 5.88 | 1.32 | 37.2 | | 21.1 | 24.0 | 4000 | 1.12 | 34.759 | 5.36 | 27.865 | 24.7 | 2.920 |
| 3558A | 2.08 | 34.862 | 5.78 | 1.49 | 53.5 | | 23.6 | 23.7 | 4250 | 0.55 | 34.704 | 5.22 | 27,857 | 25.5 | 2.999 |
| 3866A | | 34.794 | 5.49 | 1.74 | 79.5 | | 26.1 | 24.2 | 4500 | 0.21 | 34.677 | 5.19 | 27.854 | 25.8 | 3.068 |
| 4174A | | 34.718 | 5.23 | 2.01 | 108.1 | | 30.6 | 25.4 | 4750 | 0.24 | 34.676 | 5.24 | 27.852 | 26.0 | 3.134 |
| 4482A | 0.206 | 34.676 | 5.19 | 2.16 | 123.8 | | 33.4 | 25.7 | | | | | | | |
| 4585A | | 34.676 | 5.19 | 2.19 | 123.0 | | 32.5 | 25.8 | | | | | | | |
| 4690A | | 34.676 | 5.24 | 2.17 | 123.4 | | 33.1 | 25.9 | | | | | | | |
| 4793A | 0.244 | 34.675 | 5.24 | 2.12 | 123.7 | | 32.6 | 26.0 | | | | | | | |

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| 50 | 21.15 | 36.10 | 25,321 | 260.0 | 0.108 |
| 60 | 20.10 | 36.08 | 25.533 | 254.9 | 0.154 |
| 70 | 19.50 | 36.20 | 25.805 | 220.1 | 0,153 |
| 9.0 | 18.64 | 36.04 | 25.925 | 208.7 | 0,205 |
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| 124 | 17.25 | 35.86 | 26.131 | 189.1 | 0.295 0.342 |
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| 25.0 | 15.00 | 35.59 | 26.444 | 159.4 | 0.516 |
| 300 | 14.51 | 35.50 | 26.525 | 151.7 | 0.598 |
| 357 | 15.79 | 35.41 | 26.566 | 147.9 | 0.677 |
| 400 | 13.02 | 35.28 | 26.624 | 142.4 | 0.755 |
| 500 | 11.18 | 39.13 | 26.754 | 130.0 | 0.903 |
| 550 | 9.90 | 34.60 | 26.833 | 122.6 | 0.972 |
| 600 | 8.70 | 34.60 | 26.926 | 114.5 | 1.037 |
| 050 | 7.37 | 34.50 | 26.994 | 107.3 | 1.098 |
| 700 | 6.49 | 34.45 | 27.076 | 99.5 | 1.155 |
| 750 900 | 5.58 | 34.36 | 27.121 | 95.2 | 1.208 |
| 400 | 4,45 | 34.26 | 27.189 | 91.1 | 1.259 |
| 900 | +.17 | 34.30 | 27.234 | 84.5 | 1.556 |
| 950 | 4.00 | 34.32 | 27.268 | 61.3 | 1.402 |
| 1000 | 3.30 | 34.33 | 27.296 | 78.6 | 1.446 |
| 1100 | 3.53 | 34.39 | 27.371 | 71.6 | 1.530 |
| 13004 | 3.11 | 34.41 | 27.427 | 66.3 | 1.607 |
| 14004 | 2.90 | 34.54 | 27.549 | 54.6 | 1.745 |
| 15004 | 2.85 | 34.60 | 27.602 | 49.7 | 1.807 |
| 14004 | 2.85 | 34,66 | 27.649 | 45.2 | 1.864 |
| 17004 | 2.89 | 34.72 | 27.694 | 41.0 | 1.918 |
| 18004 | 2.92 | 34.76 | 27.724 | 38.1 | 1.970 |
| 20004 | 2.99 | 34.80 | 27.755 | 35.2 | 2.019 |
| 21004 | 3.00 | 34.66 | 27.795 | 31.4 | 2.113 |
| 22004 | 3.01 | 34.68 | 27.810 | 29.9 | 2.159 |
| 2300A | 2.98 | 34.89 | 27.821 | 28.9 | 2,204 |
| 24004 | 2.94 | 34.90 | 27.829 | 28.2 | 2.249 |
| 25004 2600A | 2.97 | 34.91 | 27.838 | 27.3 | 2,294 |
| 270CA | 2.92 | 34.92 | 27.850 | 26.1 | 2,382 |
| 28004 | 2.86 | 34.93 | 27.864 | 24.9 | 2.426 |
| 29004 | 2.81 | 34.92 | 27.860 | 25.2 | 2,470 |
| 3000A | 2.75 | 34.92 | 27.866 | 24.7 | 2,514 |
| 3100A 3200A | 2.69 | 34.91 | 27.863 | 24.9 | 2,558 |
| 33064 | 2.50 | 34.90 | 27.072 | 24.1 | 2.645 |
| 3400A | 2.36 | 34.69 | 27.876 | 23.7 | 2.688 |
| 35004 | 2.20 | 34.87 | 27.873 | 24.0 | 2.730 |
| 36004 | 1.98 | 34.85 | 27.875 | 23.8 | 2.770 |
| 370CA 380CA | 1.76 | 34.63 | 27.876 | 23.7 | 2.809 |
| 390CA | 1.41 | 34.79 | 27.870 | 24.4 | 2.883 |
| 4000A | 1.26 | 34.77 | 27.864 | 24.6 | 2.919 |
| 4100A | 0.97 | 34.74 | 27.860 | 25.2 | 2.953 |
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| 430CA | 0.40 | 34.69 | 27.855 | 25.7 | 3,014 |
| 4500A | 0.21 | 34.68 | 27.854 | 25.6 | 3.041 |
| 4600A | 0.22 | 34.68 | 27.857 | 25.5 | 3.094 |
| MTPCA | 0.23 | 34.68 | 27.856 | 25.6 | 3.120 |
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